



PATENT APPLICATION  
ATTORNEY DOCKET NO. 14616.0015

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Group Art Unit: 2766

MARCEL M. YUNG *ET AL*

Examiner: C. Tucker

Serial No.: 09/429,624

Filed: October 29, 1999

For: INCORPORATING SHARED  
RANDOMNESS INTO DISTRIBUTED  
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FEB 24 2004

OFFICE OF PETITIONS

**DECLARATION OF STUART T. F. HUANG UNDER 37 CFR § 1.137(a)(c)  
IN SUPPORT OF PETITION TO REVIVE FOR UNAVOIDABLE ABANDONMENT**

1. I, Stuart T. F. Huang, am counsel for CQRCert LLC, the present assignee of the above-captioned patent application ("This Application").

2. Pursuant to 37 C.F.R. § 1.137(a)(c), I make this declaration in support of the pending Petition to Revive for Unavoidable Abandonment.

3. As of July 30, 2002, the assignee of record for This Application was CertCo, Inc.<sup>1</sup>

4. On or about July 30, 2002, CertCo, Inc., filed for bankruptcy in the U.S. Bankruptcy Court, Southern District of New York (Manhattan), Bankruptcy Petition No. 02-13683 (RDD), under Chapter 11 of the Bankruptcy Code ("the Chapter 11 Proceeding")<sup>2</sup>.

5. On or about October 17, 2002 (during the Chapter 11 Proceeding), the USPTO issued an Office Action rejecting This Application.<sup>3</sup>

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<sup>1</sup> See Assignment, Exhibit 1.

<sup>2</sup> See, e.g., Order Scheduling Initial Case Conference, Exhibit 2, referring to CertCo, Inc.'s Petition (July 30, 2002).

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6. As presently advised, no response to the October 17 Office Action was filed within the six-month statutory period for reply, and This Application apparently went abandoned on April 17, 2003.<sup>4</sup>

7. On or about May 7, 2003 (after abandonment), the assets of CertCo, Inc were auctioned and sold under the jurisdiction under of the U.S. Bankruptcy Court, Southern District of New York (Manhattan) to certain secured creditors of CertCo, Inc.<sup>5</sup>

8. Based on the facts of paragraphs 4 - 7 above, CertCo Inc. was subject to the restrictions of the Chapter 11 Proceeding at all times during the period for responding to the October 17 Office Action, and therefore unable to respond to the October 17 Office Action.

9. The secured creditors referenced in paragraph 7 conveyed their interest in CertCo, Inc.'s intellectual property to CQRCert LLC, the Petitioner in This Application, on or about July 30, 2003.<sup>6</sup>

10. Included within the intellectual property referenced in Paragraph 9 were approximately ten groupings of patent applications, including related applications in numerous countries and regions outside the United States.<sup>7</sup>

11. CQRCert LLC retained the undersigned counsel on or about August 22, 2003.

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<sup>3</sup> See Office Action dated October 17, 2002, Exhibit 3.

<sup>4</sup> See Notice of Abandonment, Exhibit 4.

<sup>5</sup> See Order Pursuant to, Inter Alia, 11 U.S.C. §§ 103, 363 and 365 Approving the Sale of Certain Assets and Related Relief (Schedules excerpted), Exhibit 5.

<sup>6</sup> See Bill of Sale, Exhibit 6.

<sup>7</sup> See Exhibit 5 schedules.

12. As presently advised, since August 22, 2003, CQRCert LLC has sought and continues to seek capitalization and funding.

13. Since August 22, 2003, CQRCert LLC has undertaken evaluations of the intellectual property assets, which evaluations included estimating the costs of maintaining patent applications and patents in numerous jurisdictions and identification of potentially revivable applications and patents.

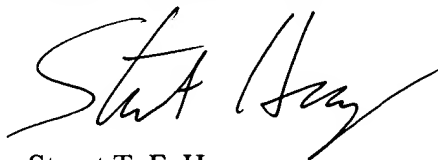
14. On February 17, 2004, CQRCert LLC arrived at what is believed to be a final set of patents and applications to be pursued.

15. This declaration and the attached Petition is executed as of February 18, 2004.

16. A Continuation Prosecution Application is filed concurrently herewith as a response to the Office Action pursuant to 37 CFR § 1.137(a)(1). The appropriate petition fee is also enclosed herewith pursuant to 37 CFR § 1.137(a)(2).

I declare under penalty of perjury that the foregoing is true and correct, pursuant to 28 U.S.C. § 1746.

Respectfully submitted,



Date: February 18, 2004

Stuart T. F. Huang  
Registration No. 34,184  
Steptoe & Johnson, LLP  
1330 Connecticut Avenue, N.W.  
Washington, DC 20036  
Tel: (202) 429-8056; Fax: (202) 429-3902

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APPROVING THE SALE OF CERTAIN ASSETS AND RELATED  
RELIEF (SCHEDULES EXCEPTED)**
- 6. BILL OF SALE**

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MAY 04 2000



Steptoe & Johnson LLP

APRIL 28, 2000

PTAS

STEPTOE & JOHNSON LLP  
STUART T.F. HUANG  
1330 CONNECTICUT AVE, NW  
WASHINGTON, DC 20036-1795

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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REEL/FRAME: 010573/0551  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YUNG, MARCEL M.

DOC DATE: 02/08/2000

ASSIGNOR:  
FRANKEL, YAIR

DOC DATE: 01/04/2000

ASSIGNEE:  
CERTCO, INC.  
55 BROAD STREET  
22ND FLOOR  
NEW YORK, NEW YORK 10004

SERIAL NUMBER: 09429624  
PATENT NUMBER:

FILING DATE: 10/29/1999  
ISSUE DATE:

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010573/0551 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
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**Conveying Party(ies)**

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Name (line 1)  Yung, Marcel M.

Execution Date  
Month Day Year  
 020800

Name (line 2)

**Second Party**

Name (line 1)  Frankel, Yair

Execution Date  
Month Day Year  
 010400

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)  CertCo, Inc.

Name (line 2)  a corporation of Delaware

Address (line 1)  55 Broad Street,

Address (line 2)  22nd Floor

Address (line 3)  New York

NY

10004

City

State/Country

Zip Code

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**Correspondent Name and Address**

Area Code and Telephone Number **202-429-8056**

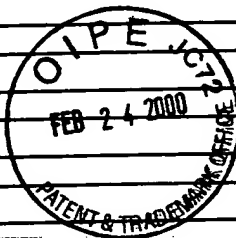
Name **Stuart T.F. Huang**

Address (line 1) **STEPTOE & JOHNSON LLP**

Address (line 2) **1330 Connecticut Avenue, N.W.**

Address (line 3) **Washington, D.C. 20036-1795**

Address (line 4)



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Enter the total number of pages of the attached conveyance document including any attachments.

# **5**

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

**09429624**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Enclosed ☒

Deposit Account ☐

Deposit Account Number:

# **19-4293**

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Rebecca A. Goldman (Reg. No. 41,786)

Name of Person Signing

Signature

Date

*Rebecca A. Goldman* February 24, 2000



**ASSIGNMENT OF APPLICATION AND PATENT**

**WHEREAS**, we, Marcel M. Yung residing at 605 W. 112<sup>th</sup> Street, New York, New York 10025 and Yair Frankel residing at 122 Harrison Avenue, Westfield, NJ 07090, hereinafter referred to as applicants, have invented a certain new and useful INCORPORATING SHARED RANDOMNESS INTO DISTRIBUTED CRYPTOGRAPHY,

☒ for which we have made application for Letters Patent of the United States as fully set forth and described in the specification filed in the United States Patent and Trademark Office on October 29, 1999 and assigned Serial Number 09/429,624

☐ for which an application for Letters Patent of the United States was executed on (ENTER EXECUTION DATE, IF APPROPRIATE)

and;

**WHEREAS**, CertCo, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a place of business at 55 Broad Street, 22<sup>nd</sup> Floor, New York, New York, 10004, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents which may be granted therefor in the United States and elsewhere throughout the world;

**NOW THEREFORE**, to all whom it may concern, be it known, that for good and valuable consideration, to us in hand paid, the receipt of which is hereby acknowledged, we, said applicants, have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said assignee, the entire right, title, and interest in and to said invention; and any and all improvements disclosed in the aforesaid application for patent, as

fully set forth and described therein; and all divisional, continuing, substitute, renewal, reissue, and all other applications for patents derived from the aforesaid application which have been or shall be filed in the United States; and any and all United States patents to be issued therefor in the United States; and all corresponding foreign counterpart applications derived from the aforesaid United States patent application and related applications as prepared for and filed in any and all foreign countries; and all foreign patents issued therefor, said entire right, title, and interest in and to said invention being the same for said assignee's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

**AND WE**, for ourselves, our heirs, assigns, successors, and legal representatives hereby covenant to and with said assignee, its assigns, successors, and legal representatives, that we have full right to sell and assign the entire right, title, and interest in and to said invention and any and all patents to be had therefor and that the entire right, title and interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever;

**AND WE ALSO**, for ourselves, our heirs, assigns, successors, and legal representatives hereby further covenant to and with said assignee, its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign application derived from the aforesaid application, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith;

AND WE do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said United States Letters Patents to said assignee, as the assignee of our entire right, title, and interest therein.

In Testimony Whereof, we each have hereunto set our hand and seal on the day and month of 2000 as indicated below.

Marcel M. Yung  
Marcel M. Yung

Date: 02/08/00

Acknowledgment

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me, a Notary Public, personally appeared Marcel M. Yung, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

\_\_\_\_\_  
Notary Public in and for Said State

Yair Frankel  
Yair Frankel

Date: Jan 4, 2000

Acknowledgment

State of New York

County of New York / Manhattan

On this 5<sup>th</sup> day of Jan, 192000, before me, a Notary Public, personally appeared Yair Frankel, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Sophia Petsas  
Notary Public in and for Said State  
SOPHIA PETSAS  
NOTARY PUBLIC, STATE OF NEW YORK  
No. 41-4968006  
Qualified in Queens County  
Commission Expires June 11, 19  
August 26, 2000

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AUG 16 2002

UNITED STATES BANKRUPTCY COURT  
SOUTHERN DISTRICT OF NEW YORK

STEPTOE & JOHNSON LLP

-----X  
In re

: Chapter 11

Certco Inc.

: Case No. 02-13683 (RDD)

Debtor.  
-----X

**ORDER SCHEDULING INITIAL CASE CONFERENCE**

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The Debtor having filed a petition for reorganization under Chapter 11 of the Bankruptcy Code on July 30, 2002 and the Court having determined that a case management conference will aid in the efficient conduct of the case, it is hereby

**ORDERED**, pursuant to 11 U.S.C. § 105(d), that an initial case management conference will be conducted before the Honorable Robert D. Drain in Room 610, United States Bankruptcy Court, One Bowling Green, New York, New York 10004 on August 22, 2002 at 10:00 a.m., or as soon thereafter as counsel may be heard, to consider the efficient administration of the case, which may include, inter alia, such topics as retention of professionals, creation of a committee to review budget and fee requests, use of alternative dispute resolution, timetables and scheduling of additional case management conferences, and it is further

**ORDERED**, that the Debtor shall give notice by mail of this Order at least seven days (7) prior to the scheduled conference to each committee appointed to serve in the case pursuant to 11 U.S.C. § 1102 (or, if no committee has been appointed, to the holders of the 20 largest unsecured claims), the holders of the five largest secured claims (if any), and the United States Trustee, and shall promptly file proof of service of such notice with the Clerk of the Court.

Dated: August 14, 2002  
New York, New York

/s/Robert D. Drain  
THE HONORABLE ROBERT D. DRAIN  
UNITED STATES BANKRUPTCY JUDGE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/429,624	10/29/1999	MARCEL M. YUNG	10624.0015	6146

7590 10/17/2002  
STUART T F HUANG  
STEPTOE & JOHNSON LLP  
1330 CONNECTICUT AVENUE NW  
WASHINGTON, DC 200361795

EXAMINER

SONG, HOSUK

ART UNIT PAPER NUMBER

2131

DATE MAILED: 10/17/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

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# Office Action Summary

Application No.  
09/429,624

Applicant(s)  
YUNG ET AL.

Examiner  
HO S. SONG

Art Unit  
2131



— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Aug 9, 2002
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 6) ☐ Other:

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

1. Claims 1-11 remain rejected under 35 U.S.C. 102(a) as being anticipated by Gennaro et al.(Robust Threshold DSS Signatures).

In claim 1, Gennaro disclose computing shared values over a known and agreed context, each value being known by each member of a distinct subset of the plurality of distributed electronic devices and at each of a plurality of the distributed electronic devices, generating a random value using said shared values in (pages 351-356 and 362-363). Gennaro disclose at each of a plurality of the distributed electronic devices, generating a partial result for the distributed cryptographic computation using at least one of random values and computing a final result for the distributed cryptographic computation using partial results in (page 365).

In claim 2, Gennaro discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are random keys in (pages 361-368).

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In claim 3, Gennaro discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are derived from a cryptographic protocol in (page 365).

In claim 4, Gennaro discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are derived cryptographically in (page 361-368).

In claim 5, Gennaro discloses the method of distributed cryptographic computation as recited by claim 1, comprising the step of implementing a re-representation of a function in (page 362).

In claim 6, Gennaro discloses the method of distributed cryptographic computation as recited by claim 1, wherein said partial results may include incorrect values in (page 354 and 364).

In claim 7, Gennaro discloses the method of distributed cryptographic computation as recited by claim 1, wherein steps of claim 1 are performed iteratively in (page 365).

In claim 8, Gennaro discloses the method of distributed cryptographic computation as recited by claim 7, comprising changing shared values after step of generating an output based on partial result in (pages 355-356).

In claim 9, Gennaro discloses the method of distributed cryptographic computation as recited by claim 3, wherein cryptographic protocol is a cryptographic function involving exponentiation in (pages 356 and 365).

In claim 10, Gennaro discloses the method of distributed cryptographic computation as recited by claim 3, wherein cryptographic protocol is an RSA function in (pages 356 and 365).



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In claim 11, it is inherent to have a hardware/computing device in Gennaro to store data in order to carry out a cryptographic computation.

2. Claims 1-4 and 9-12,17-31 remain rejected under 35 U.S.C. 102(e) as being anticipated by Brickell(US 5,867,578).

In claim 1, Brickell disclose computing shared values over a known and agreed context, each value being shared among a distinct subset of the plurality of distributed electronic devices and at each of a plurality of the distributed electronic devices, generating a random value using said shared values in (col.3, lines 66-67, col.4, lines 1-20). Brickell disclose at each of a plurality of the distributed electronic devices, generating a partial result for the distributed cryptographic computation using at least one of random values and computing a final result for the distributed cryptographic computation using partial results in (col.9, line 10-col.10, line 31,col.11, lines 10-65).

In claim 2, Brickell discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are random keys in (col.9, lines 34-46).

In claim 3, Brickell discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are derived from a cryptographic protocol in (col.9, lines 10-65,col.10, lines 1-10).

In claim 4, Brickell discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are derived cryptographically in (col.9, lines 10-65,col.10, lines 1-10).

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In claim 9, Brickell discloses the method of distributed cryptographic computation as recited by claim 3, wherein cryptographic protocol is a cryptographic function involving exponentiation in (col.9, line 10-col.10, line 31).

In claim 10, Brickell discloses the method of distributed cryptographic computation as recited by claim 3, wherein cryptographic protocol is an RSA function in (col.10, lines 52-53).

In claim 11, Brickell discloses the method of distributed cryptographic computation as recited by claim 1, wherein shared values are stored in a hardware device in at least one of distributed electronic devices in (col.7, lines 49-67, col.8, lines 1-14).

In claim 12, Brickell discloses selecting a subgroup of devices to perform the distributed cryptographic communication and computing shared values over a known and agreed context, each value being shared among a distinct subset of the subgroup of distributed electronic devices in (fig.1, col.14, lines 9-64). Brickell discloses generating a random value using shared values at each distributed electronic devices and generating a partial result for the cryptographic computation using a share of the cryptographic value and at least one of random values and computing a final result for the distributed cryptographic computation using partial results in (col.3, lines 66-67, col.4, lines 1-20; col.9, line 10-col.10, line 31, col.11, lines 10-65).

In claims 17-22, Brickell discloses the computed shared value is shared among a subset of the distributed electronic devices in (fig.1, col.14, lines 29-67).

In claim 23, Brickell disclose wherein the random values depend upon the particular set of devices selected for the subgroup in (fig.1 and col.9, lines 11-30).

Art Unit: 2131

In claim 24, Brickell disclose cryptographic computation is based on an argument, and generated random values are based on an argument in (col.9, lines 10-65,col.10, lines 1-10).

In claim 25, distributed cryptographic computation as recited by claim 12 wherein the cryptographic computation is based on an argument, and the generated random values are based on said argument in (col.3, lines 66-67, col.4, lines 1-20; col.9, line 10-col.10, line 31,col.11, lines 10-65).

In claim 26, Brickell disclose wherein the cryptographic computation comprises digital signing in (col.9, line 10-col.10, line 31,col.11, lines 10-65).

In claim 27, Brickell disclose cryptographic computation as recited by claim 12 wherein the cryptographic computation comprises digital signing in (col.3, lines 66-67, col.4, lines 1-20; col.9, line 10-col.10, line 31,col.11, lines 10-65).

In claims 28-29, Brickell discloses step of using generated random values or shared values to detect misbehaving devices in (col.14, lines 9-28).

In claims 30-31, Brickell discloses proactively updating a secret cryptographic value used in the cryptographic computation in (col.23, lines 65-col.24, lines 1-10).

***Response to Applicant's Arguments***

3. Applicant has amended Claim 1.
4. The rejections of the previous action are maintained.
5. Applicant's arguments filed 8/09/02 have been fully considered but they are not persuasive.

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*Applicant has argued that* Gennaro does not disclose such a sharing of sources of randomness for use in computing and sharing of Gennaro is the sharing of a secret key in the form of values related to but different from the key. Applicant further argues that none of the group members individually possesses sufficient information to know the key. *In response:* the examiner disagree. Gennaro discloses that secret random value is jointly generated and shared by the members using Feldman's VSS protocol (see page 364) and Gennaro in page 360 teaches defining or deriving a secret value or key using the shared values. *Applicant has argued that* shared value of the embodiment of Fig.1 of applicant's invention is used to index a pseudo random function to generate values useful for detecting misbehaving members of the group and Gennaro is silent on these features. *In response:* please point out in the claim where applicant is claiming such a feature where shared values are used to index a pseudo random function to generate values useful for detecting misbehaving members of the group.

### ***Conclusion***

6 **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

Art Unit: 2131

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

***Information Regarding Communication with the PTO***

7. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Ho S. Song whose telephone number is (703)305-0042. The examiner can normally be reached on Tuesday-Friday from 6:00 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gail Hayes, can be reached on (703)305-9711.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)305-3900.

*Ho Song*

*Gail Hayes*  
GAIL HAYES  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/429,624	10/29/1999	MARCEL M. YUNG	10624.0015	6146

7590 05/21/2003  
STUART T F HUANG  
STEPTOE & JOHNSON LLP  
1330 CONNECTICUT AVENUE NW  
WASHINGTON, DC 200361795

RECEIVED

MAY 23 2003

STEPTOE & JOHNSON, LLP

EXAMINER

SONG, HOSUK

ART UNIT PAPER NUMBER

2131

DATE MAILED: 05/21/2003

17

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED

FEB 24 2004

OFFICE OF PETITIONS

# Notice of Abandonment

Application No.

09/429,624

Applicant(s)

YUNG

Examiner

HOSUK SONG

Art Unit

2131



— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on Oct 17, 2002.

(a) ☐ A reply was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply (including a total extension of time of \_\_\_\_\_ month(s)) which expired on \_\_\_\_\_.

(b) ☐ A proposed reply was received on \_\_\_\_\_, but it does not constitute a proper reply under 37 CFR 1.113(a) to the final rejection.

(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).

(c) ☐ A reply was received on \_\_\_\_\_ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).

(d) ☒ No reply has been received.

2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).

(a) ☐ The issue fee and publication fee, if applicable, was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).

(b) ☐ The submitted issue fee of \$ \_\_\_\_\_ is insufficient. A balance of \$ \_\_\_\_\_ is due.

The issue fee required by 37 CFR 1.18 is \$ \_\_\_\_\_. The publication fee, if required by 37 CFR 1.18(d) is \$ \_\_\_\_\_.

(c) ☐ The issue fee and publication fee, if applicable, has not been received.

3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).

(a) ☐ Proposed new formal drawings were received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply.

(b) ☐ No corrected drawings have been received.

4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.

5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.

6. ☐ The decision by the Board of Patent Appeals and Interferences rendered on \_\_\_\_\_ and because the period for seeking court review of the decision has expired and there are no allowed claims.

7. ☐ The reason(s) below:

GAIL HAYES

SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

# Interview Summary

Application No.  
09/429,624

Applicant(s)  
YUNG

Examiner  
HOSUK SONG

Art Unit  
2131



All participants (applicant, applicant's representative, PTO personnel):

(1) HOSUK SONG

(3) \_\_\_\_\_

(2) MR. HUANG

(4) \_\_\_\_\_

Date of Interview May 16, 2003

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy is given to 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No. If yes, brief description:

Claim(s) discussed: None

Identification of prior art discussed:

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicant did not respond to the final office action which was mailed out on 10/17/02.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☒ It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required



UNITED STATES BANKRUPTCY COURT  
SOUTHERN DISTRICT OF NEW YORK

RECEIVED

MAY 16 2003

STEPTOE & JOHNSON, LLP

In re

CertCo Inc.,

Debtor.

Chapter 11

Case No. 02-13683 (RDD)

RECEIVED

FEB 24 2004

OFFICE OF PETITIONS

**ORDER, PURSUANT TO, INTER ALIA, 11 U.S.C. §§ 105, 363 AND 365  
APPROVING THE SALE OF CERTAIN ASSETS AND RELATED RELIEF**

Upon the Motion (the "Sale Motion") of CertCo Inc. ("CertCo"), a Delaware corporation, as debtor and debtor-in-possession (the "Debtor"), by its attorneys, Hahn & Hessen LLP, for entry of an order

1. approving, authorizing, empowering and directing, pursuant to sections 105, 363(b), (f) and (m), and 365 of the Bankruptcy Code and Bankruptcy Rules 2002 and 6004, the Debtor's sale and assignment at an auction sale (the "Auction Sale") held on March 25, 2003 at 11:00 a.m., of the following assets (the "Acquired Assets"):

- (i) all intellectual property belonging to CertCo, including patents, patent applications and trademarks, as more fully identified in Exhibit "A" attached hereto.
- (ii) all software developed by CertCo, including its Certificate Authority Software, Warranty Manager Application, CertSigner (CS) version 1.0 Application, CertValidator (CV) version 3.0 Application, CertValidator Software and RMX Software Services Application;
- (iii) pursuant to § 365 of the Bankruptcy Code, the right, but not the obligation, to assume, at the Closing, a certain License and Development Agreement by and between CertCo, Inc. and Identrus LLC, annexed to the Sale Motion as Exhibit "C." Cure obligations, if any, resulting from such assumption will be resolved at the sale hearing, or sufficient funds will be escrowed to deal with



claims relating to said obligations; and



- (iv) all other tangible and intangible assets belonging to CertCo without limitation, including all equipment, source and object codes, all related documentation and registered trademarks;

2. Authorizing and directing that the Acquired Assets be sold free and clear of any and all interests, liens, claims and encumbrances, at the Auction sale with any such interests, liens, claims and encumbrances to attach to the net proceeds of sale, which sale proceeds, unless an objection is received on or before the date of the hearing on the Motion and sustained at the hearing, shall be distributed and paid to the Debtor's pre- and post-petition lenders, First Chicago Equity Corporation and Four Partners (the "Lenders"), at the "Closing" (as defined in the Sale Motion at paragraph "25"). Any remaining Sale Proceeds after the Pre and Post Petition claims of the Lenders are satisfied in full shall be turned over to the Debtor's estate for distribution pursuant to a plan of liquidation or further order of this Court; and

3. Granting such other and further relief as may be just and proper; and it appearing from the Certificate of Service on file with this Court that proper notice of the Sale Motion has been provided; and the Auction Sale having been conducted before this Court on March 25, 2003; and a hearing on the Sale Motion having been held before this Court on March 25, 2003 (the "Sale Hearing") promptly after the conclusion of the Auction Sale; and no objections having been raised to the Sale Motion; and the final bid at the Auction Sale of the Successful Bidder, as defined herein (the "Purchase Price"), representing the highest and best offer received for the Acquired Assets; and upon the record of the Sale Hearing; and due deliberation having been had; and sufficient cause appearing therefor; NOW, it is hereby:

**ORDERED, ADJUDGED, DETERMINED AND FOUND** that:



1. Good and sufficient notice of the Sale Motion and of the Sale Hearing has been provided pursuant to Bankruptcy Rules 2002 and 6004 to those parties detailed in the Sale Motion, and any other requirement for notice be, and hereby is, dispensed with and waived.

2. The Lenders or their designee are the successful bidder ("Successful Bidder") for the Acquired Assets at a purchase price of \$625,000 (the "Purchase Price") as a credit bid of their secured claim pursuant to Section 363(k) of the Bankruptcy Code. The Successful Bidder is purchasing and the Debtor is selling and assigning the Acquired Assets in good faith, in an arms length transaction, pursuant to the terms and conditions of the Purchase Agreement, and, therefore, the sale and the parties thereto are entitled to the protections of section 363(m) of the Bankruptcy Code.

3. Based upon the record of the Sale Hearing and the recommendation of Arc International Corp., the Purchase Price for the Acquired Assets represents the highest and best offer received, is a fair and reasonable price and the Sale Motion is in the best interest of the Debtor's estate and its creditors and employees.

4. The Motion be and hereby is approved, and the Debtor hereby is authorized and empowered to assume, sell, transfer, lease, or assign the Acquired Assets to the Successful Bidder, in accordance with the terms and conditions contained therein and in this Order.

5. All requirements of section 105, 363(b), (f) and (m) and 365 of the Bankruptcy Code for the sale, assumption and assignment of the Acquired Assets to the Successful Bidder have been satisfied and sufficient circumstances and good business judgment exists in this case to justify approval of the Motion and the Proposed Sale and Assignment.



6. Pursuant to 11 U.S.C. § 363(f), the Acquired Assets are being sold and assigned, free and clear of any and all interests, liens, claims, debts, liabilities, obligations and encumbrances (including, without limitation, any mechanics' liens, security interests, financing statements and/or any claims arising under the Workers Adjustment Retraining and Notification Act, 29 U.S.C. §§ 2101, et seq. ("Workers' Claims")). Since the Purchase Price represents a credit bid pursuant to section 363(k) of the Bankruptcy Code, all other liens, claims, debts, liabilities, obligations, encumbrances and/or Workers' Claims will remain claims against the Debtor's other assets and shall not encumber the Acquired Assets. If the proposed sale fails to close for any reason, then such interests, liens, claims and encumbrances shall continue against the Acquired Assets unaffected by this Order.

7. The Successful Bidder shall not be deemed to have assumed or become liable for any liabilities, debts, claims or obligations of or against the Debtor of any kind or nature whatsoever, other than the non-refundable deposit (the "Deposit") as defined in paragraph 20 of the Sale Motion.

8. In the event the Successful Bidder does not complete the closing because of the Successful Bidder's default or because a condition to such closing has not been satisfied, then the Debtor is hereby authorized and empowered to retain the Deposit and accept the next highest bid submitted by a qualified bidder at the Auction Sale, who is ready, willing and able to close, or may hold an auction sale, without further order of the Court and the sale to such bidder shall be pursuant to the same terms, conditions and benefits contained in this order as if such bidder were the "Successful Bidder" hereunder.



9. In the event of default, the Lenders shall have standing and the right, but not the obligation, to enforce any of the Debtor's rights and remedies against the Successful Bidder or any third party, free of any restrictions contained in 11 U.S.C. §362.



10. This Court shall retain jurisdiction with regard to any and all disputes arising in connection with the relief authorized herein.

Dated: New York, New York  
March 26, 2003

/s/Robert D. Drain  
UNITED STATES BANKRUPTCY JUDGE

I hereby attest and certify on 5/7/03  
that this document is a full, true and correct  
copy of the original filed on the court's  
electronic case filing system

Clerk, US Bankruptcy Court, SDNY

By: Venice J. Leggett Deputy Clerk



Monday, March 10, 2003

## Patent Status Report

Page: 1

Family Number: 061047-0213346

Client-Matter  
061047-0123029

Case Type  
ORD

Status  
Client Reference #  
SPLIT  
213346

App Number  
Pat Number  
PCT/US95/09076

App Date  
Iss Date  
19-Jul-1995

Next Action(s)

Due Date(s)

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123128

ORD

ABANDONED  
213346

1718/CAL/95

26-Dec-1995

Country: India

Tax Agent: AHUIA, D P & CO

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123129

ORD

UNFILED  
213346

AWAITED

Tax Agent: TOP TEAM INTERNATIONAL PATENT & TRADEMARK OFFICE

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN





Monday, March 10, 2003

## Patent Status Report

Page: 2

Family Number: 061047-0213346

Client-Matter  
061047-0123353

Country: Argentina

Tax Agent: MARVAL OFARRELL & MAIRAL

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Status  
Client Reference #  
PENDING  
213346

Case Type  
ORD

App Number  
Pat Number  
P 960103640

App Date  
Iss Date  
18-Jul-1996

Next Action(s)

Due Date(s)

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123354

Country: Bangladesh

Tax Agent: AHUJA, D P & CO

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

ABANDONED  
213346

83/96

06-Jul-1996  
19-Jul-1995

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123355

Country: Chile

Tax Agent: SARGENT & KRAHN

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

PENDING  
213346

1286-96

19-Jul-1996

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 3

Family Number: 061047-0213346

**Client-Matter**

061047-0123356

**Case Type**

ORD

**Status**

Client Reference #

ABANDONED

**App Number**

Pat Number

679/96

**App Date**

Iss Date

17-Jul-1996

**Next Action(s)**

30-Sep-2001

**Due Date(s)**

Resp.Off VA

Country: Egypt

Tax Agent: ELIAS, SADEK A

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

**Inventor(s)**

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123357

ORD

Abandoned

213346

P962054

ID0006431

18-Jul-1996

14-Jun-2001

Resp.Off VA

Country: Indonesia

Tax Agent: WIDJOJO (OEI TAT HWAY) CS

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

**Inventor(s)**

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123358

ORD

ABANDONED

213346

118828

118828

10-Jul-1996

27-Oct-2000

Resp.Off VA

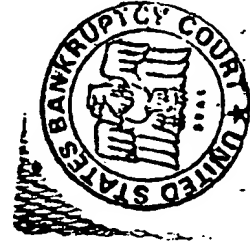
Country: Israel

Tax Agent: COLB, SANFORD T

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

**Inventor(s)**

SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 4

Family Number: 061047-0213346

Client-Matter

061047-0123359

Case Type

ORD

Status

Client Reference #

Abandoned

App Number

Pat Number

PI9602587

App Date

Iss Date

26-Jun-1996

Next Action(s)

Due Date(s)

Country: Malaysia

Tax Agent: GOH, HENRY & CO

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123360

ORD

ABANDONED  
213346

538

17-Jul-1996

Country: Peru

Tax Agent: BARREDA MOLLER

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123361

ORD

PENDING  
213346

53680

10-Jul-1996

Country: Philippines

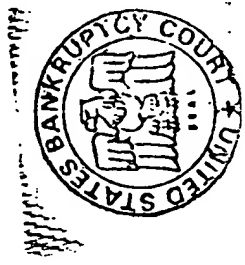
Tax Agent: SYCIP SALAZAR HERNANDEZ & GATMAITAN

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

Page: 5

Family Number: 061047-0213346

## Patent Status Report

Client-Matter

061047-0123362

Country: South Africa

Tax Agent: HAHN & HAHN

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Case Type

ORD

Status

Client Reference #

ABANDONED

213346

App Number

Pat Number

96/05497

96/05497

App Date

Iss Date

28-Jun-1996

26-Mar-1997

Resp.Off VA

Next Action(s)

Due Date(s)

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123363

Country: Turkey

Tax Agent: STOCK INDUSTRIAL PROPERTY SERVICES A.S

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

ORD

ABANDONED

213346

96/0585

16-Jul-1996

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123364

Country: Venezuela

Tax Agent: HOET PELAEZ CASTILLO & DUQUE

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

ORD

ABANDONED

213346

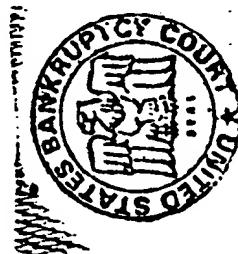
1280/96

17-Jul-1996

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



# Patent Status Report

Monday, March 10, 2003

Family Number: 061047-0213346

Client-Matter  
061047-0123763  
Country: Australia  
Tax Agent: COLLISON & CO.  
Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Status  
Client Reference #  
GRANTED  
213346

Case Type  
ORD

App Number  
Pat Number  
37156/95  
698454

App Date  
Iss Date  
19-Jul-1995  
11-Feb-1999  
Resp.Off VA

Next Action(s)

Due Date(s)

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN  
061047-0123764  
Country: Brazil  
Tax Agent: PINHEIRO NETO  
Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

PENDING  
213346

ORD

PI9508716.8

19-Jul-1995  
Resp.Off VA

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN  
061047-0123765  
Country: Canada  
Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)  
Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

P7Y

PENDING  
213346

2194475

19-Jul-1995  
Resp.Off VA

Reinstatement Fees

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 7

Family Number: 061047-0213346

Client-Matter  
061047-0123766

Case Type  
ORD

Status  
Client Reference #  
Abandoned  
213346

App Date  
Iss Date  
19-Jul-1995

Next Action(s)

Due Date(s)

Country: China

Tax Agent: CCPIT PATENT AND TRADEMARK LAW OFFICE

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123767

Country: Czech Republic

Tax Agent: ASSOCIATED LAW OFFICES

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

PENDING  
213346

PV115-97

19-Jul-1995

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123768

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

PENDING  
213346

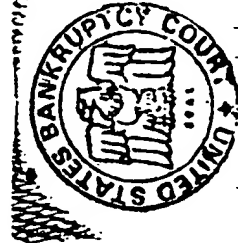
95934957.2

19-Jul-1995

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 8

Family Number: 061047-0213346

Client-Matter  
061047-0123769

Country: Japan

Tax Agent: TANI & ABE

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Status  
Client Reference #  
Abandoned  
213346

Case Type  
ORD

App Number  
Pat Number  
505241/96

App Date  
Iss Date  
19-Jul-1995

Next Action(s)

Due Date(s)

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123770

Country: Korea, Republic of

Tax Agent: SHIN & KIM

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Abandoned  
213346

700352/97

19-Jul-1995

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123771

Country: Mexico

Tax Agent: UHTHOFF GOMEZ VEGA & UHTHOFF

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

GRANTED  
213346

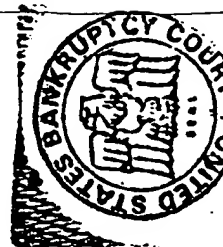
970487  
200744

19-Jul-1995  
01-Feb-2001

Resp.Off VA

### Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



Due Date(s)

# Patent Status Report

Monday, March 10, 2003

Family Number: 061047-0213346

Client-Matter

061047-0123772

Country: Norway

Tax Agent: PATRAFEE AB (SWEDEN)

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Status

Client Reference #

PENDING

213346

Case Type

ORD

App Number

Pat Number

19970084

App Date

Iss Date

19-Jul-1995

Next Action(s)

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN

061047-0123773

Country: Russian Federation

Tax Agent: GORODISSKY & PARTNERS

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

GRANTED

213346

97102357

2144269

19-Jul-1995

10-Jan-2000

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN

061047-0123774

Country: Singapore

Tax Agent: DREW & NAPIER LLC

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

GRANTED

213346

9700406-3

36524

19-Jul-1995

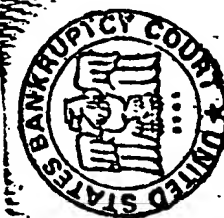
20-Jul-1998

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN





Monday, March 10, 2003

## Patent Status Report

Page: 10

Family Number: 061047-0213346

**Client-Matter**

061047-0123775

**Case Type**

ORD

**Status**

Client Reference #

ABANDONED

**App Number**

Pat Number

S19970126

Country: Viet Nam

Tax Agent: PHAM & ASSOCIATES

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

**App Date**

Iss Date

19-Feb-1997

11-Jun-2001

Resp.Off VA

**Next Action(s)**

Due Date(s)

**Inventor(s)**

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0213346

PRI

CONTINUED

08/277438

Country: United States of America

Tax Agent:

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

19-Jul-1994

Resp.Off VA

**Inventor(s)**

SUDIA, FRANK W

061047-0214641

CON

GRANTED

08/682071

Country: United States of America

Tax Agent:

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

16-Jul-1996

19-Aug-1997

Resp.Off VA

Tax 7.5

Tax 7.5 - Final

Tax 11.5

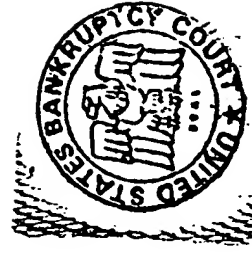
Tax 11.5 - Final

19-Feb-2005

19-Aug-2005

19-Feb-2009

19-Aug-2009



# Patent Status Report

Page: 11

Monday, March 10, 2003

Family Number: 061047-0213346

Client-Matter 061047-0220563  
Country: United States of America  
Tax Agent:  
Status Client Reference # App Number  
CONTINUED 08/786046  
AUTH-II  
App Date Iss Date  
21-Jan-1997  
Next Action(s)  
Resp.Off VA

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-02264493

Country: United States of America

Tax Agent:

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

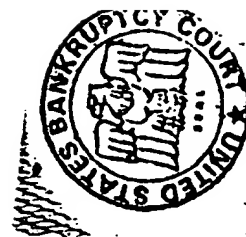
Published  
AUTH-II

09/870584

01-Jun-2001

Resp.Off VA

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 12

Family Number: 061047-0213392

Client-Matter  
061047-0123761

Country: India

Tax Agent: AHUJA, D P & CO

Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

Status  
Client Reference #  
Abandoned  
213392

App Date  
Iss Date  
27-Dec-1996

Next Action(s)

Due Date(s)

Resp.Off VA

Inventor(s)  
KRAVITZ, DAVID WILLIAM

061047-0123762

Country: Pakistan

Tax Agent: BHARUCHA & CO.

Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

Status  
Client Reference #  
Abandoned  
213392

App Date  
Iss Date  
22-Dec-1996  
28-Apr-1999

Resp.Off VA

Inventor(s)  
KRAVITZ, DAVID WILLIAM

061047-0124336

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

Status  
Client Reference #  
SPLIT  
213392

App Date  
Iss Date  
01-Oct-1997

Resp.Off VA

Inventor(s)  
KRAVITZ, DAVID WILLIAM

061047-0125497

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

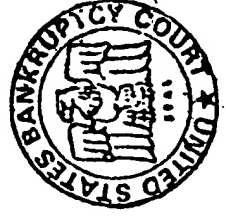
Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

Status  
Client Reference #  
PENDING  
213392

App Date  
Iss Date  
01-Oct-1997

Resp.Off VA

Inventor(s)  
KRAVITZ, DAVID WILLIAM



Monday, March 10, 2003

## Patent Status Report

Page: 13

Family Number: 061047-0213392

Client-Matter  
061047-0213392

Case Type  
PRI

Country: United States of America

Tax Agent:

Status

Client Reference #

GRANTED

ACQUIRE

App Number

Pat Number

08/726434

6029150

App Date

Iss Date

04-Oct-1996

22-Feb-2000

Resp.Off VA

Next Action(s)

Tax 3.5

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

Due Date(s)

22-Aug-2003

22-Feb-2004

22-Aug-2007

22-Feb-2008

22-Aug-2011

22-Feb-2012

Inventor(s)

KRAVITZ, DAVID WILLIAM

Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM



Monday, March 10, 2003

## Patent Status Report

Page: 14

Family Number: 061047-0213650

Client-Matter

061047-0122860

Case Type

ORD

Status

Client Reference #

Transferred

213650

Country: Patent Cooperation Treaty

Tax Agent: Unknown

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

Inventor(s)

MICALI, SILVIO

061047-0122902

Country: Israel

Tax Agent: MULFORD, A E

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

ORD

Transferred

213650

105471

20-Apr-1993

Resp.Off VA

Inventor(s)

MICALI, SILVIO

061047-0122903

Country: Australia

Tax Agent: DAVIES COLLISON CAVE

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

ORD

Transferred

213650

41071/93

20-Apr-1993

Resp.Off VA

Inventor(s)

MICALI, SILVIO

061047-0122904

Country: Canada

Tax Agent: KIRBY EADES GALE BAKER

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

P7Y

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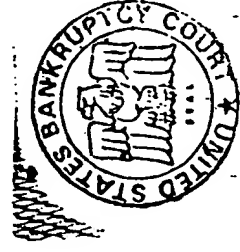
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20-Apr-1993

Resp.Off VA

Inventor(s)

MICALI, SILVIO



Monday, March 10, 2003

## Patent Status Report

Page: 15

Family Number: 061047-0213650

Client-Matter  
061047-0122905

Case Type  
ORD

Status  
Client Reference #  
Transferred  
213650

App Number  
Pat Number  
93910653.0

App Date  
Iss Date  
20-Apr-1993

Next Action(s)

Due Date(s)

Country: European Patent Convention  
Tax Agent: HEPWORTH LAWRENCE BRYER & BIZLEY

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

Resp.Off VA

Inventor(s)  
MICALI, SILVIO

061047-0122906

ORD

Transferred  
213650

518661/93

20-Apr-1993

Country: Japan  
Tax Agent: SANADA INTERNATIONAL PATENT OFFICE

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

Resp.Off VA

Inventor(s)  
MICALI, SILVIO

061047-0122907

ORD

Transferred  
213650

703724/94

20-Apr-1993

Country: Korea, Republic of  
Tax Agent: NAM & NAM

Title: VERIFYING SECRET KEYS IN A PUBLIC-KEY CRYPTOSYSTEM

Resp.Off VA

Inventor(s)  
MICALI, SILVIO

061047-0213347

REI

Transferred  
USP5276737

08/526977

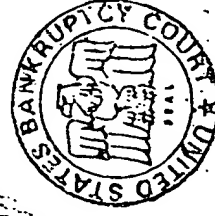
12-Sep-1995

Country: United States of America  
Tax Agent:

Title: FAIR CRYPTOSYSTEMS AND METHODS OF USE

Resp.Off VA

Inventor(s)  
MICALI, SILVIO



Monday, March 10, 2003

## Patent Status Report

Page: 16

Family Number: 061047-0213650

Client-Matter

061047-0213348

Case Type

REI

Status

Client Reference #

Transferred

App Date

Iss Date

12-Sep-1995

Next Action(s)

Due Date(s)

Country: United States of America

Tax Agent:

Title: FAIR CRYPTOSYSTEMS AND METHODS OF USE

Resp.Off VA

Inventor(s)

MICALI, SILVIO

061047-0213650

ORD

Transferred

Country: United States of America

Tax Agent:

Title: FAIR CRYPTOSYSTEMS AND METHODS OF USE

20-Apr-1992

04-Jan-1994

Resp.Off VA

Tax 11.5

Mt. Fee Statement Received?

Tax 11.5 - Final

04-Jul-2005

04-Oct-2005

04-Jan-2006

Inventor(s)

MICALI, SILVIO

061047-0213651

CIP

Transferred

Country: United States of America

Tax Agent:

Title: FAIR CRYPTOSYSTEMS AND METHODS OF USE

19-Apr-1993

24-May-1994

Resp.Off VA

Tax 11.5

Tax 11.5 - Final

24-Nov-2005

24-May-2006

Inventor(s)

MICALI, SILVIO



Monday, March 10, 2003

## Patent Status Report

Page: 17

Family Number: 061047-0213651

Client-Matter  
061047-0122861

Case Type  
ORD

Status  
Client Reference #  
Transferred  
213651

App Number  
Pat Number  
PCT/US94/04325

App Date  
Iss Date  
19-Apr-1994

Next Action(s)

Due Date(s)

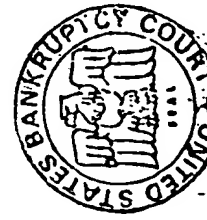
Country: Patent Cooperation Treaty

Tax Agent: Unknown

Resp.Off VA

Title: FAIR CRYPTOSYSTEMS AND METHODS OF USE

Inventor(s)  
MICALI, SILVIO





Monday, March 10, 2003

Page: 18

Family Number: 061047-0214605

## Patent Status Report

Client-Matter

061047-0124625

Case Type

ORD

Status

Client Reference #

SPLIT

214605

App Number

Pat Number

PCT/US98/04329

App Date

Iss Date

23-Mar-1998

Next Action(s)

Due Date(s)

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: ELECTRONIC CRYPTOGRAPHIC PACKING

Inventor(s)

SUDIA, FRANK W

ASAY, ALAN

BRICKELL, ERNEST F

ANKNEY, RICHARD

FREUND, PETER C

061047-0125738

ORD

Abandoned

214605

98915126.1

23-Mar-1998

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: ELECTRONIC CRYPTOGRAPHIC PACKING

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

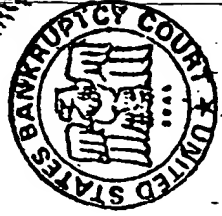
ASAY, ALAN

BRICKELL, ERNEST F

ANKNEY, RICHARD

FREUND, PETER C

Resp.Off VA



# Patent Status Report

Page: 19

Monday, March 10, 2003

Family Number: 061047-0214605

Client-Matter 061047-0125739  
 Case Type ORD  
 Status Client Reference # 214605  
 App Number Pat Number 545722/1998

App Date Iss Date 23-Mar-1998  
 Next Action(s) Deferred Exam EXAM FEE  
 Due Date(s) 23-Mar-2005 23-Mar-2005

Country: Japan  
 Tax Agent: TANI & ABE  
 Title: ELECTRONIC CRYPTOGRAPHIC PACKING

Inventor(s)  
 SUDIA, FRANK W  
 ASAY, ALAN  
 BRICKELL, ERNEST F  
 ANKNEY, RICHARD  
 FREUND, PETER C

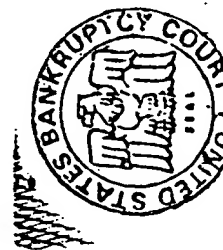
061047-0214605 PRI  
 Country: United States of America  
 Tax Agent: 08/822732 5995625  
 GRANTED CRYPTWRAP

24-Mar-1997 Tax 3.5  
 30-Nov-1999 Tax 3.5 - Final  
 Resp.Off VA Tax 7.5  
 Tax 7.5 - Final  
 Tax 11.5  
 Tax 11.5 - Final

30-May-2003  
 30-Nov-2003  
 30-May-2007  
 30-Nov-2007  
 30-May-2011  
 30-Nov-2011

Title: ELECTRONIC CRYPTOGRAPHIC PACKING

Inventor(s)  
 SUDIA, FRANK W  
 ASAY, ALAN  
 BRICKELL, ERNEST F  
 ANKNEY, RICHARD  
 FREUND, PETER C



Monday, March 10, 2003

## Patent Status Report

Page: 20

Family Number: 061047-0214606

Client-Matter  
061047-0124447

Case Type  
ORD

Status  
Client Reference #  
SPLIT  
RM-1

App Number  
Pat Number  
PCT/US97/22136

App Date  
Iss Date  
11-Dec-1997

Next Action(s)

Due Date(s)

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Resp.Off VA

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD

061047-0125641

ORD

REISSUED  
RM-1

55153/98

11-Dec-1997

Country: Australia

Tax Agent: COLLISON & CO.

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Resp.Off VA

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD

061047-0125642

ORD

PENDING  
RM-1

P19714400-2

11-Dec-1997

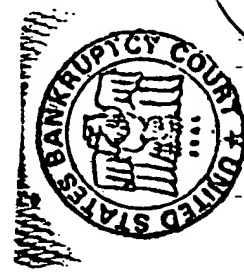
Country: Brazil

Tax Agent: BUSCO MARCAS E PATENTES

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Resp.Off VA

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD



# Patent Status Report

Monday, March 10, 2003

Family Number: 061047-0214606

Client-Matter 061047-0125643  
 Country: Canada  
 Case Type ORD  
 Status Client Reference # PENDING RM-1  
 App Number Pat Number 2274897  
 Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)  
 Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Inventor(s)  
 ASAY, ALAN  
 TURNER, PAUL A  
 SUDIA, FRANK W  
 ANKNEY, RICHARD

061047-0125644

Country: China

Tax Agent: CCPIT PATENT AND TRADEMARK LAW OFFICE

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

97181385.X

Abandoned  
 RM-1

ORD

11-Dec-1997

Resp.Off VA

Inventor(s)  
 ASAY, ALAN  
 TURNER, PAUL A  
 SUDIA, FRANK W  
 ANKNEY, RICHARD

061047-0125645

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

97951534.3

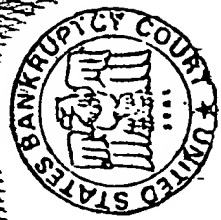
PENDING  
 RM-1

ORD

11-Dec-1997

Resp.Off VA

Inventor(s)  
 ASAY, ALAN  
 TURNER, PAUL A  
 SUDIA, FRANK W  
 ANKNEY, RICHARD



Monday, March 10, 2003

Family Number: 061047-0214606

## Patent Status Report

Page: 22

**Client-Matter**

061047-0125646

Country: Japan

Tax Agent: TANI & ABE

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

**Status**

Client Reference #

PENDING

RM-1

**App Number**

Pat Number

526801/1998

**App Date**

Iss Date

11-Dec-1997

**Next Action(s)**

Deferred Exam

EXAM FEE

Due Date(s)

11-Dec-2004

11-Dec-2004

Resp.Off VA

**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0125647

Country: Korea, Republic of

Tax Agent: SHIN & KIM

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Abandoned

RM-1

99-7003309

11-Dec-1997

Resp.Off VA

**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0125648

Country: Russian Federation

Tax Agent: GORODISSKY & PARTNERS

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

PENDING

RM-1

99115094

11-Dec-1997

Response Due

09-Apr-2003

Resp.Off VA

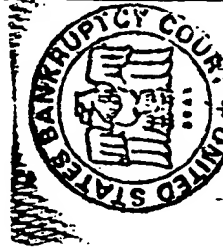
**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD



Monday, March 10, 2003

Page: 23

Family Number: 061047-0214606

## Patent Status Report

Client-Matter

061047-0125649

Country: Singapore

Tax Agent: DREW & NAPIER LLC

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Status

Client Reference #

GRANTED

RM-1

App Number

Pat Number

9902606-4

65944

App Date

Iss Date

11-Dec-1997

10-Jun-1991

Resp.Off VA

Next Action(s)

Due Date(s)

Inventor(s)

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0126639

Country: Hong Kong

Tax Agent: UEXKULL & STOLBERG

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

PENDING

RM-1

00103775.5

21-Jun-2000

Resp.Off VA

Inventor(s)

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0140648

Country: Australia

Tax Agent: COLLISON & CO.

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Abandoned

214606

10088/02

09-Jan-2002

Resp.Off VA

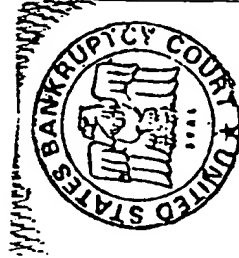
Inventor(s)

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 24

Family Number: 061047-0214606

Client-Matter  
061047-0214606

Country: United States of America

Tax Agent:

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Status  
Client Reference #  
GRANTED  
RM1

Case Type  
PRI

App Number  
Pat Number  
08/767257  
5903882

App Date  
Iss Date

13-Dec-1996

11-May-1999

Resp.Off VA

Next Action(s)

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

Due Date(s)  
11-May-2003  
11-Nov-2006  
11-May-2007  
11-Nov-2010  
11-May-2011

Inventor(s)

ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD

061047-0260001

Country: United States of America

Tax Agent:

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

CONTINUED  
RM1-CONTINUATION

09/206381

07-Dec-1998

Resp.Off VA

Inventor(s)

ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD

061047-0268225

Country: United States of America

Tax Agent:

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

PENDING  
RM1-CONTINUATION

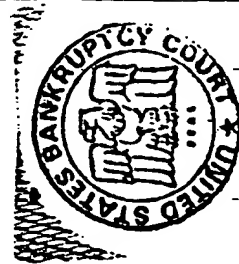
09/943086

31-Aug-2001

Resp.Off VA

Inventor(s)

ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 25

Family Number: 061047-0215447

Client-Matter

061047-0122765

Case Type

ORD

Status

Client Reference #

Transferred

1

App Number

Pat Number

PCT/US95/00531

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: CRYPTOGRAPHIC SYSTEM AND METHOD WITH KEY ESCROW FE ATURE

App Date

Iss Date

13-Jan-1995

Next Action(s)

Due Date(s)

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

061047-0215446

PRI

Transferred

08/272203

08-Jul-1994

Country: United States of America

Tax Agent:

Resp.Off VA

Title: ENHANCED CRYPTOGRAPHIC SYSTEM AND METHOD WITH KEY ESCROW FEATURE

Inventor(s)

SUDIA, FRANK W

061047-0215447

PRI

Transferred

08/181859

13-Jan-1994

Country: United States of America

Tax Agent:

Resp.Off VA

Title: CRYPTOGRAPHIC SYSTEM AND METHOD WITH KEY ESCROW FE ATURE

Inventor(s)

SUDIA, FRANK W

061047-0215448

PRI

Transferred

08/462430

05-Jun-1995

Country: United States of America

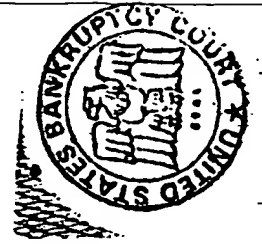
Tax Agent:

Resp.Off VA

Title: CRYPTOGRAPHIC SYSTEM AND METHOD WITH KEY ESCROW FE ATURE

Inventor(s)

SUDIA, FRANK W





Monday, March 10, 2003

## Patent Status Report

Page: 26

Family Number: 061047-0251065

Client-Matter  
061047-0125319

Case Type  
ORD

Status  
Client Reference #  
SPLIT  
RM-2

App Number  
Pat Number  
PCT/US99/01877

App Date  
Iss Date  
18-Feb-1999

Next Action(s)

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Resp.Off VA

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Due Date(s)

Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0126752

Country: Australia

Tax Agent: DAVIES COLLISON CAVE

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

32855/99

PENDING  
RM-2

18-Feb-1999

Acceptance

24-May-2003

Resp.Off VA

Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0126753

Country: Canada

Tax Agent: AIRD & BERLIS

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

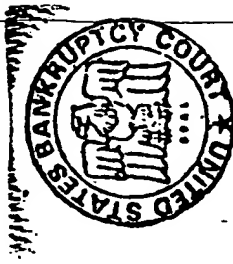
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PENDING  
RM-2

18-Feb-1999

Resp.Off VA

Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 27

Family Number: 061047-0251065

Client-Matter  
061047-0126754

Case Type  
ORD

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Status  
Client Reference #  
PENDING  
RM-2

App Number  
Pat Number  
99934356.9

App Date  
Iss Date  
18-Feb-1999

Next Action(s)  
Response Due

Due Date(s)  
27-Mar-2003

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

### Inventor(s)

FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0126756

ORD

PENDING  
RM-2

2000-532823

18-Feb-1999

Deferred Exam  
EXAM FEE

18-Feb-2006  
18-Feb-2006

Country: Japan

Tax Agent: AOYAMA & PARTNERS

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0129536

REG

PENDING  
RM-2

01105348.7

31-Jul-2001

Country: Hong Kong

Tax Agent: UEXKULL & STOLBERG

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

Family Number: 061047-0251065

## Patent Status Report

Page: 28

Client-Matter

061047-0251065

Country: United States of America

Tax Agent:

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Inventor(s)

FRANKEL, YAIR

KRAVITZ, DAVID WILLIAM

MONTGOMERY, CHARLES T

YUNG, MARCEL MORDECHAY

061047-0282618

Country: United States of America

Tax Agent:

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Status

Client Reference #

Granted

RM2

App Number

Pat Number

09/026466

6353812

App Date

Iss Date

19-Feb-1998

05-Mar-2002

Resp.Off VA

Next Action(s)

Tax 3.5

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

Due Date(s)

05-Sep-2005

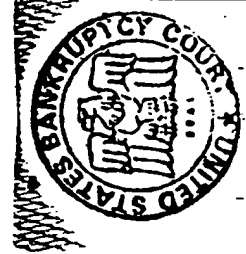
05-Mar-2006

05-Sep-2009

05-Mar-2010

05-Sep-2013

05-Mar-2014



Inventor(s)

FRANKEL, YAIR

KRAVITZ, DAVID WILLIAM

MONTGOMERY, CHARLES T

YUNG, MARCEL MORDECHAY

Monday, March 10, 2003

## Patent Status Report

Page: 29

Family Number: 061047-0252460

Client-Matter  
061047-0126123

Case Type  
ORD

Status  
Client Reference #  
SPLIT  
SBI

App Number  
Pat Number  
PCT/US00/02012

Next Action(s)

App Date  
Iss Date  
28-Jan-2000

Due Date(s)

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY

061047-0129580

Country: Australia

Tax Agent: DAVIES COLLISON CAVE

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

Abandoned  
SBI

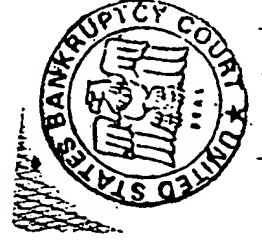
28607/00

28-Jan-2000

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 30

Family Number: 061047-0252460

Client-Matter  
061047-0129581

Country: Canada

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

Status  
Client Reference #  
PENDING  
SBI

Case Type  
ORD

App Number  
Pat Number  
2359879

App Date  
Iss Date  
28-Jan-2000

Next Action(s)  
Deferred Exam  
EXAM FEE

Due Date(s)  
28-Jan-2005  
28-Jan-2005

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY

061047-0129582

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

PENDING  
SBI

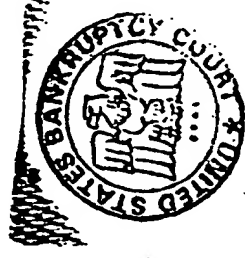
00907044.2

28-Jan-2000

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 31

Family Number: 061047-0252460

Client-Matter  
061047-0129583

Country: Japan

Tax Agent: TANI & ABE

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

Status  
Client Reference #  
PENDING  
SBI

App Number  
Pat Number  
2000396534

Case Type  
ORD

App Date  
Iss Date  
28-Jan-2000

Next Action(s)  
Deferred Exam  
EXAM FEE

Due Date(s)  
28-Jan-2007  
28-Jan-2007

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY

061047-0252460

PRO

CONTINUED

60/117752

Country: United States of America

Tax Agent:

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

28-Jan-1999

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 32

Family Number: 061047-0252460

Client-Matter  
061047-0265649

Country: United States of America

Tax Agent:

Status

Client Reference #

PENDING

SBI REGULAR

App Number

Pat Number

09/492534

App Date

Iss Date

27-Jan-2000

Next Action(s)

Response Due

1st Extension

2nd Extension

3rd Extension/Final Date

Due Date(s)

18-May-2003

18-Jun-2003

18-Jul-2003

18-Aug-2003

Title: METHODS FOR OPERATING INFRASTRUCTURE APPLICATIONS F OR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 33

Family Number: 061047-0252461

Client-Matter  
061047-0126122

Case Type  
ORD

Country: Patent Cooperation Treaty

Tax Agent: PILLSBURY WINTHROP LLP

Title: RELIANCE MANAGER

Status  
Client Reference #  
SPLIT  
RM4

App Number  
Pat Number  
PCT/US00/02013

App Date  
Iss Date  
28-Jan-2000

Next Action(s)

Due Date(s)

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY  
TURNER, PAUL  
SUDIA, FRANK W  
ANKNEY, RICHARD  
ASAY, ALAN  
SALZ, RICHARD  
TITCHENER, THOMAS  
LIEBERWIRTH, PETER  
KONSTANTARAS, ANDREW  
KLUMPP, JAMES





# Patent Status Report

Page: 34

Monday, March 10, 2003

Family Number: 061047-0252461

Client-Matter: 061047-0129576  
 Case Type: ORD  
 Country: Australia  
 Tax Agent: DAVIES COLLISON CAVE  
 Title: RELIANCE MANAGER

Status: Client Reference #  
 PENDING RM4

App Number: Pat Number  
 28608/00

App Date: Iss Date  
 28-Jan-2000

Next Action(s): Response Due

Due Date(s): 17-Oct-2003

Resp.Off: VA

Inventor(s):  
 FRANKEL, YAIR  
 MONTGOMERY, CHARLES T  
 STUBBLEBINE, STUART  
 YUNG, MARCEL MORDECHAY  
 TURNER, PAUL  
 SUDIA, FRANK W  
 ANKNEY, RICHARD  
 ASAY, ALAN  
 SALZ, RICHARD  
 TITCHENER, THOMAS  
 LIEBERWIRTH, PETER  
 KONSTANTARAS, ANDREW  
 KLUMPP, JAMES



Monday, March 10, 2003

Family Number: 061047-0252461

## Patent Status Report

Page: 35

Client-Matter  
061047-0129577

Country: Canada

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: RELIANCE MANAGER

Status  
Client Reference #  
PENDING  
RM4

Case Type  
ORD

App Number  
Pat Number  
2361053

App Date  
Iss Date  
28-Jan-2000

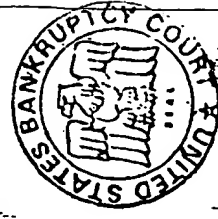
Next Action(s)  
Assignment

Due Date(s)  
29-Oct-2003

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY  
TURNER, PAUL  
SUDIA, FRANK W  
ANKNEY, RICHARD  
ASAY, ALAN  
SALZ, RICHARD  
TITCHENER, THOMAS  
LIEBERWIRTH, PETER  
KONSTANTARAS, ANDREW  
KLUMPP, JAMES



Monday, March 10, 2003

Family Number: 061047-0252461

Client-Matter

061047-0129578

Case Type

ORD

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: RELIANCE MANAGER

Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

TURNER, PAUL

SUDIA, FRANK W

ANKNEY, RICHARD

ASAY, ALAN

SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW

KLUMPP, JAMES

## Patent Status Report

Status

Client Reference #

PENDING

RM4

App Number

Pat Number

00907045.9

App Date

Iss Date

28-Jan-2000

Next Action(s)

Resp.Off VA



Monday, March 10, 2003

## Patent Status Report

Page: 37

Family Number: 061047-0252461

Client-Matter

061047-0129579

Country: Japan

Tax Agent: TANI & ABE

Title: RELIANCE MANAGER

Case Type

ORD

Status

Client Reference #

PENDING

RM4

App Number

Pat Number

2000396708

App Date

Iss Date

28-Jan-2000

Resp.Off VA

Next Action(s)

Deferred Exam

EXAM FEE

Due Date(s)

28-Jan-2007

28-Jan-2007

### Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

TURNER, PAUL

SUDIA, FRANK W

ANKNEY, RICHARD

ASAY, ALAN

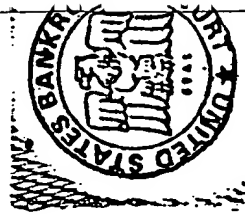
SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW

KLUMPP, JAMES



Monday, March 10, 2003

Family Number: 061047-0252461

Client-Matter

061047-0252461

Country: United States of America

Tax Agent:

Title: RELIANCE MANAGER

Case Type

PRO

Status

Client Reference #

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RM3 PROVISIONAL

App Number

Pat Number

60/118379

App Date

Iss Date

29-Jan-1999

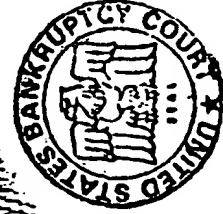
Resp.Off VA

Next Action(s)

Due Date(s)

## Patent Status Report

Page: 38



Monday, March 10, 2003

## Patent Status Report

Page: 39

Family Number: 061047-0252461

Client-Matter

061047-0265648

Case Type

ORD

Status

Client Reference #

PENDING

App Number

Pat Number

09/492459

App Date

Iss Date

27-Jan-2000

Next Action(s)

Due Date(s)

Country: United States of America

Tax Agent:

Resp.Off VA

Title: RELIANCE MANAGER FOR ELECTRONIC TRANSACTION SYSTEM

Inventor(s)

CLAXTON, ALLEN

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

ANKNEY, RICHARD

SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW



Monday, March 10, 2003

Family Number: 061047-0252477

## Patent Status Report

Page: 40

Client-Matter	Case Type	Status	App Number	App Date	Next Action(s)	Due Date(s)
061047-0126194	ORD	Client Reference # SPLIT SB-2	Pat Number PCT/US00/04138	Iss Date 16-Feb-2000		
Country: Patent Cooperation Treaty						
Tax Agent: PILLSBURY WINTROP LLP						
Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS						

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0129573      ORD      PENDING      2362130

Country: Canada      SB-2

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS

16-Feb-2005  
16-Feb-2005

Deferred Exam  
EXAM FEE

16-Feb-2000

Resp.Off VA

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0129574      ORD      PENDING      00910225.2

Country: European Patent Convention      SB-2

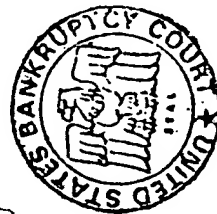
Tax Agent: UEXKULL & STOLBERG

Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS

16-Feb-2000

Resp.Off VA

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 41

Family Number: 061047-0252477

**Client-Matter**

061047-0129575

Country: Japan

Tax Agent: TANI & ABE

Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS

**Status**

Client Reference #

PENDING

SB-2

**App Number**

Pat Number

2000600385

**App Date**

Iss Date

16-Feb-2000

**Next Action(s)**

Deferred Exam

EXAM FEE

**Due Date(s)**

16-Feb-2007

16-Feb-2007

Resp.Off VA

**Inventor(s)**

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0252477

PRO

CONTINUED

60/120436

17-Feb-1999

Country: United States of America

**Tax Agent:**

Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS

Resp.Off VA

**Inventor(s)**

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0265650

ORD

PENDING

09/503181

14-Feb-2000

Country: United States of America

**Tax Agent:**

Title: CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS

Resp.Off VA

**Inventor(s)**

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY





# Report Selection

100

Monday, March 10, 2003 RecordCount:

by Client  
by Client-Matter  
by Family Number

Remarks  
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Do Not Print

Inventors  
Print  
Do Not Print

Abstract  
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Do Not Print

Client Note  
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Actions Due  
Next  
All

Preview before  
printing

Date Range

Filing

Issue

Expiration

Last Update

Status(es)

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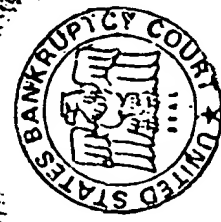
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Client: 061047  
Country:  
Owner:

Client-Matter:  
Attorney  
Area:

Status  
Codes:  
Active  
Inactive  
All

Resp. Office:



Monday, March 10, 2003

Family Number: 061047-0214605

## Patent Status Report

Page: 3

Client-Matter

061047-0214605

Country: United States of America

Tax Agent:

Case Type

PRI

Status

Client Reference #

GRANTED

CRYPTOWRAP

App Number

Pat Number

08/822732

5995625

App Date

Iss Date

24-Mar-1997

30-Nov-1999

Resp.Off VA

Next Action(s)

Tax 3.5

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

Due Date(s)

30-May-2003

30-Nov-2003

30-May-2007

30-Nov-2007

30-May-2011

30-Nov-2011

Inventor(s)

SUDIA, FRANK W

ASAY, ALAN

BRICKELL, ERNEST F

ANKNEY, RICHARD

FREUND, PETER C

Title: ELECTRONIC CRYPTOGRAPHIC PACKING



Monday, March 10, 2003

Family Number: 061047-0214606

## Patent Status Report

Client-Matter

061047-0214606

Country: United States of America

Tax Agent:

Case Type

PRI

Status

Client Reference #

GRANTED

RM1

App Number

Pat Number

08/767257

5903882

App Date

Iss Date

13-Dec-1996

11-May-1999

Resp.Off VA

Next Action(s)

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

Due Date(s)

11-May-2003

11-Nov-2006

11-May-2007

11-Nov-2010

11-May-2011

Inventor(s)

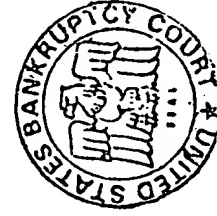
ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM



Monday, March 10, 2003

Family Number: 061047-0251065

## Patent Status Report

Page: 5

Client-Matter 061047-0251065  
Country: United States of America  
Tax Agent:  
Status Client Reference #  
Granted RM2  
Case Type PRI  
App Date Iss Date  
19-Feb-1998  
05-Mar-2002  
Resp.Off VA

App Number  
Pat Number  
09/026466  
6353812

Next Action(s)  
Tax 3.5  
Tax 3.5 - Final  
Tax 7.5  
Tax 7.5 - Final  
Tax 11.5  
Tax 11.5 - Final

Due Date(s)  
05-Sep-2005  
05-Mar-2006  
05-Sep-2009  
05-Mar-2010  
05-Sep-2013  
05-Mar-2014

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



# Report Selection

5

Monday, March 10, 2003 RecordCount:

by Client  
by Client-Matter  
by Family Number

Remarks  
Print  
Do Not Print

Inventors  
Print  
Do Not Print

Abstract  
Print  
Do Not Print

Client Note  
Print  
Do Not Print

Actions Due  
Next  
All

Date Range

Filing

Issue

Expiration

Last Update

Status(es) GRANTDUE  
: Granted  
INTFNCEPRE  
REISSUED  
REVISION

From:

To:

Preview before  
printing

Client: 061047

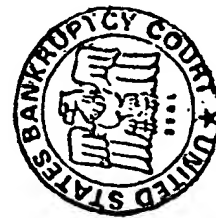
Country: = US

Owner:

Client-Matter:  
Attorney :  
Area:

Status Codes:  
Active  
Inactive  
All

Resp.Offic  
e:



Monday, March 10, 2003

## Patent Status Report

Page: 1

Family Number: 061047-0213346

Client-Matter  
061047-0123763

Country: Australia

Tax Agent: COLLISON & CO.

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Status  
Client Reference #  
GRANTED  
213346

App Number  
Pat Number  
37156/95  
698434

App Date  
Iss Date

19-Jul-1995

11-Feb-1999

Resp.Off VA

Next Action(s)

Due Date(s)

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123771

Country: Mexico

Tax Agent: UHITHOFF GOMEZ VEGA & UHITHOFF

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

GRANTED  
213346

ORD

970487  
200744

19-Jul-1995

01-Feb-2001

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123773

Country: Russian Federation

Tax Agent: GORODISSKY & PARTNERS

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

GRANTED  
213346

ORD

97102357  
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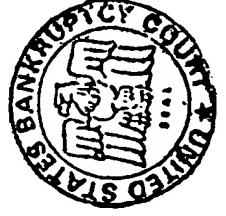
19-Jul-1995

10-Jan-2000

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

Family Number: 061047-0213346

Client-Matter

061047-0123774

Country: Singapore

Tax Agent: DREW & NAPIER LLC

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Case Type

ORD

Status

Client Reference #

GRANTED

213346

App Number

Pat Number

9700406-3

36524

App Date

Iss Date

19-Jul-1995

20-Jul-1998

Resp.Off VA

Next Action(s)

Due Date(s)

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN

061047-0214641

Country: United States of America

Tax Agent:

CON

GRANTED

AUTH-1

08/682071

5659616

16-Jul-1996

19-Aug-1997

Resp.Off VA

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

19-Feb-2005

19-Aug-2005

19-Feb-2009

19-Aug-2009

Inventor(s)

SUDIA, FRANK W



Monday, March 10, 2003

## Patent Status Report

Page: 3

**Family Number:** 061047-0213392

**Client-Matter**

061047-0213392

**Case Type**

PRI

**Country:** United States of America

**Tax Agent:**

**Title:** PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

**Inventor(s)**

KRAVITZ, DAVID WILLIAM

**Status**

**Client Reference #**

GRANTED

ACQUIRE

**App Date**

**Iss Date**

04-Oct-1996

22-Feb-2000

**Resp.Off** V/A

**App Number**

**Pat Number**

08/726434

6029150

**Next Action(s)**

Tax 3.5

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

**Due Date(s)**

22-Aug-2003

22-Feb-2004

22-Aug-2007

22-Feb-2008

22-Aug-2011

22-Feb-2012





Monday, March 10, 2003

## Patent Status Report

Page: 4

Family Number: 061047-0214605

Client-Matter  
061047-0214605

Case Type  
PRI

Country: United States of America

Tax Agent:

Title: ELECTRONIC CRYPTOGRAPHIC PACKING

Inventor(s)  
SUDIA, FRANK W  
ASAY, ALAN  
BRICKELL, ERNEST F  
ANKNEY, RICHARD  
FREUND, PETER C

### Status

Client Reference #

GRANTED

CRYPTWRAP

### App Number

Pat Number

08/822732

5995625

### App Date

Iss Date

24-Mar-1997

30-Nov-1999

Resp.Off VA

### Next Action(s)

Tax 3.5

Tax 3.5 - Final

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

### Due Date(s)

30-May-2003

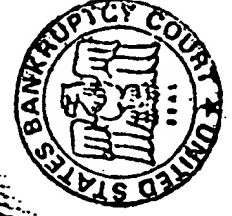
30-Nov-2003

30-May-2007

30-Nov-2007

30-May-2011

30-Nov-2011



Monday, March 10, 2003

## Patent Status Report

Page: 5

Family Number: 061047-0214606

Client-Matter  
061047-0125641

Country: Australia

Tax Agent: COLLISON & CO.

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Status  
Client Reference #  
REISSUED  
RM-1

Case Type  
ORD

App Number  
Pat Number  
55153/98

App Date  
Iss Date  
11-Dec-1997

Next Action(s)

Due Date(s)

Resp.Off VA

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD

061047-0125649

Country: Singapore

Tax Agent: DREW & NAPIER LLC

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

GRANTED  
RM-1

9902606-4  
65944

11-Dec-1997  
10-Jun-1991  
Resp.Off VA

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD

061047-0214606

Country: United States of America

Tax Agent:

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

GRANTED  
RM1

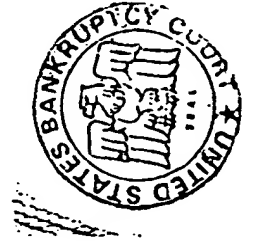
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13-Dec-1996  
11-May-1999  
Resp.Off VA

Tax 3.5 - Final  
Tax 7.5  
Tax 7.5 - Final  
Tax 11.5  
Tax 11.5 - Final

11-May-2003  
11-Nov-2006  
11-May-2007  
11-Nov-2010  
11-May-2011

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 6

Family Number: 061047-0251065

Client-Matter  
061047-0251065

Case Type  
PRI

Status  
Client Reference #  
Granted  
RM2

App Number  
Pat Number  
09/026466  
6353812

App Date  
Iss Date  
19-Feb-1998  
05-Mar-2002  
Resp.Off VA

Next Action(s)  
Tax 3.5  
Tax 3.5 - Final  
Tax 7.5  
Tax 7.5 - Final  
Tax 11.5  
Tax 11.5 - Final

Due Date(s)  
05-Sep-2005  
05-Mar-2006  
05-Sep-2009  
05-Mar-2010  
05-Sep-2013  
05-Mar-2014

Tax Agent:

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Inventor(s)

FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



# Report Selection

11

Monday, March 10, 2003 RecordCount:

by Client  
by Client-Matter  
by Family Number

Remarks  
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Inventors  
Print  
Do Not Print

Abstract  
Print  
Do Not Print

Client Note  
Print  
Do Not Print

Actions Due  
Next  
All

Date Range

Filing

Issue

Expiration

Last Update

Status(es) : GRANTDUE  
: Granted  
: INTFNCEPRE  
: REISSUED  
: REVISION

From:

To:

Preview before  
printing

Client: 061047

Country:

Owner:

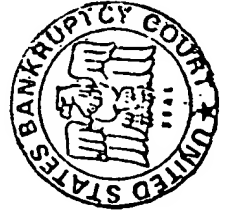
Client-Matter:

Attorney :

Area:

Resp.Offic  
e:

Status  
Codes:  
Active  
Inactive  
All



# Trademark Status Report by Client

Tuesday, March 11, 2003

Page: 1

Client: 061047 CertCo, Inc.

Status		App Number		App Date	Next Action(s)	Due Date(s)
Matter Number	Reg Number	Reg Number	Reg Date			
Client Ref Number		75/899096	19-Jan-2000	Aff of Use - 5 Year	18-Jun-200	
Registered	0236055	2583943	18-Jun-2002	Aff of Use - 6 Year	18-Jun-200	
			Resp.Off VA	Aff of Use-End of Grace Period	18-Dec-200	
				First Renewal	18-Jun-201	

Trademark

CERTAUTHORITY

Country: United States of America

Classes: 09 Int.

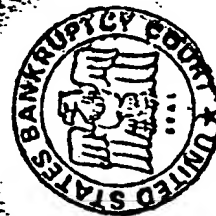
Goods: Class : 09 Int.

COMPUTER SOFTWARE FOR ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES

CERTCO

Country: United States of America

Goods: COMPUTER SOFTWARE FOR ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES, IN CLASS 9; PRINTED PUBLICATIONS, NAMELY, DOCUMENTATION AND TECHNICAL MANUALS FOR COMPUTER SOFTWARE FOR ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES; AND TEXT BOOKS FEATURING THE LAW AND TECHNICAL PRACTICE AND PROCEDURE OF ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES, IN CLASS 16; ON-LINE BANKING VIA AN ELECTRONIC COMMUNICATIONS NETWORK, INCLUDING REQUESTING AND EFFECTUATING FUNDS TRANSFERS, BILL PRESENTMENT AND PAYMENT, OFF-LINE DIGITAL PAYMENTS, AND PAYMENT FOR GOODS AND SERVICES, IN CLASS 36; COMPUTER SERVICES, NAMELY, FACILITATING THE AUTHENTICATION, CONFIDENTIALITY AND AUTHORIZATION OF ELECTRONIC DOCUMENTS VIA ELECTRONIC DATA NETWORKS BY ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES, IN CLASS 42.



# Trademark Status Report by Client

Page: 2

Tuesday, March 11, 2003

Client: 061047 CertCo, Inc.

<b>Trademark</b> CERTCO RMX	<b>Status</b> Matter Number Client Ref Number Published 0273014 61047/273014	<b>App Number</b> Reg Number 76/147824	<b>App Date</b> Reg Date 13-Oct-2000	<b>Next Action(s)</b> Statement of Use 1st Extension Statement of Use 2nd Statement of Use 3rd Statement of Use 4th Statement of Use 5th Statement of Use Final	<b>Due Date(s)</b> 24-Mar-200 24-Sep-200 24-Mar-200 24-Sep-200 24-Mar-200 24-Sep-200
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Country: United States of America

CERTO RISK MANAGEMENT EXPRESS

Published 0273076	76/147818	13-Oct-2000	Status Check	17-Jun-200
		Resp.Off VA		

Country: United States of America

CERTSIGNER

ALLOWED 0273016 61047/273016	76/147776 2622068	13-Oct-2000 17-Sep-2002	Aff of Use - 5 Year Aff of Use - 6 Year Aff of Use-End of Grace Period First Renewal	17-Sep-200 17-Sep-200 17-Mar-200 17-Sep-201
		Resp.Off VA		

Country: United States of America

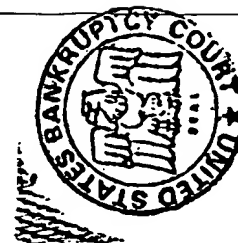
Classes: 09 Int., 42 Int.

Goods: Class : 09 Int.

COMPUTER SOFTWARE FOR ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES.

Class : 42 Int.

COMPUTER SEERVICES, NAMELY, FACILITATING THE AUTHENTICATION, CONFIDENTIALITY AND AUTHORIZATION OF ELECTRONIC DOCUMENTS VIA ELECTRONIC DATA NETWORKS BY ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES.



# Trademark Status Report by Client

Tuesday, March 11, 2003

Page: 3

Client: 061047 CertCo, Inc.

**Trademark**  
CERTVALIDATOR

**Status**  
Matter Number  
Client Ref Number  
REGISTERED  
0255619

**App Number**  
Reg Number  
75/662684  
2491212

**App Date**  
Reg Date  
18-Mar-1999  
18-Sep-2001

**Country:** United States of America

**Goods:** SOFTWARE THAT PROVIDES A SECURE MEANS OF STORING A DIGITAL CERTIFICATE, NAMELY, COMPUTER SOFTWARE FOR ISSUING, USING, TRANSMITTING, RECEIVING, REGISTERING, CERTIFYING, VERIFYING, STORING, MANAGING AND RECOVERING CRYPTOGRAPHIC MATHEMATICAL VALUES USED AS KEYS AND CRYPTOGRAPHICALLY ENCODED MESSAGES.

## MULTI-STEP SIGNING

**Country:** United States of America

**REGISTERED**  
0220932

**App Number**  
Reg Number  
75/083056  
2296307

**App Date**  
Reg Date  
03-Apr-1996  
30-Nov-1999

**Country:** United States of America

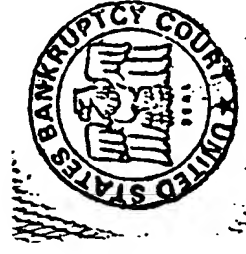
**Goods:** COMPUTER HARDWARE AND COMPUTER SOFTWARE FOR USE IN AUTHENTICATING SIGNATURES AND CERTIFYING CHECKS, DOCUMENTS, ETC FOR SECURITY PURPOSES, IN CLASS 9; PRINTED PUBLICATIONS, NAMELY, BOOKS AND MAGAZINES RELATING TO DATA SECURITY EQUIPMENT USED FOR AUTHENTICATING SIGNATURES AND CERTIFYING CHECKS, DOCUMENTS AND THE LIKE, IN CLASS 16; AUTHENTICATION SERVICES PROVIDED FOR BANKING INSTITUTIONS FEATURING SIGNATURE AUTHENTICATION, CHECK CERTIFICATION AND DOCUMENT CERTIFICATION FOR DATA

**Next Action(s)**  
Aff of Use - 5 Year  
Aff of Use - 6 Year  
Aff of Use-End of Grace Period  
First Renewal  
End of Renewal Grace Period  
End of Renewal Grace Period

**Due Date(s)**  
18-Sep-200  
18-Sep-200  
18-Mar-200  
18-Sep-201  
18-Mar-201  
18-Mar-201

**Next Action(s)**  
Aff of Use - 5 Year  
Aff of Use - 6 Year  
Aff of Use-End of Grace Period  
First Renewal  
End of Renewal Grace Period  
End of Renewal Grace Period

**Due Date(s)**  
30-Nov-200  
30-Nov-200  
30-May-200  
30-Nov-200  
30-May-201  
30-May-201



# Report Selection

Tuesday, March 11, 2003 Record Count:

7

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by Country		Preview before printing		Image	Do Not Print
Date Range	Filing	Registration	Next Renewal	Last Update	Status(es)
		From :	To :		
Client: 061047		Resp. Office:			
Country:		Area:	Status Codes:		Active
Owner:					Inactive
Trademark:					All
Attorney:					





Monday, March 10, 2003

## Patent Status Report

Page: 1

Family Number: 061047-0213346

Client-Matter

061047-0123353

Country: Argentina

Tax Agent: MARVAL O'FARRELL & MAIRAL

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Case Type  
ORD

Status  
Client Reference #  
PENDING  
213346

App Number  
Pat Number  
P 960103640

App Date  
Iss Date  
18-Jul-1996

Next Action(s)

Due Date(s)

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123355

Country: Chile

Tax Agent: SARGENT & KRAHN

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

ORD

PENDING  
213346

1286-96

19-Jul-1996

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123361

Country: Philippines

Tax Agent: SYCIP SALAZAR HERNANDEZ & GATMAITAN

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

ORD

PENDING  
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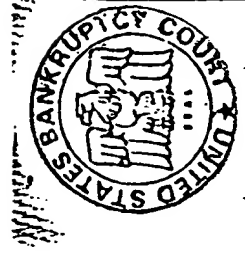
53680

10-Jul-1996

Resp.Off VA

Inventor(s)

SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 2

Family Number: 061047-0213346

Client-Matter

061047-0123764

Country: Brazil

Tax Agent: PINHEIRO NETO

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Status

Client Reference #

PENDING

213346

Case Type

ORD

App Number

Pat Number

PI9508716.8

App Date

Iss Date

19-Jul-1995

Next Action(s)

Resp.Off VA

Due Date(s)

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN

061047-0123765

Country: Canada

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

PENDING

213346

P7Y

2194475

19-Jul-1995

Reinstatement Fees

19-Jul-2003

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN

061047-0123767

Country: Czech Republic

Tax Agent: ASSOCIATED LAW OFFICES

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

PENDING

213346

ORD

PV115-97

19-Jul-1995

Resp.Off VA

Inventor(s)

SUDIA, FRANK W

SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 3

Family Number: 061047-0213346

Client-Matter  
061047-0123768

Case Type  
ORD

Status  
Client Reference #  
PENDING  
213346

App Number  
Pat Number  
95934957.2

App Date  
Iss Date  
19-Jul-1995

Next Action(s)

Due Date(s)

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Resp.Off VA

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0123772

ORD

PENDING  
213346

19970084

19-Jul-1995

Country: Norway

Tax Agent: PATRAFEE AB (SWEDEN)

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Resp.Off VA

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN

061047-0264493

CON

Published  
AUTH-II

09/870584

01-Jun-2001

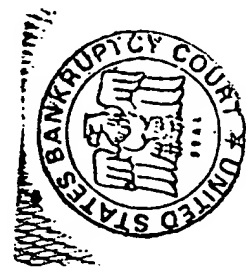
Country: United States of America

Tax Agent:

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

Resp.Off VA

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 4

Family Number: 061047-0213392

Client-Matter  
061047-0125497

Case Type  
ORD

Status  
Client Reference #  
PENDING  
213392

App Number  
Pat Number  
97944371.0

App Date  
Iss Date  
01-Oct-1997

Next Action(s)

Due Date(s)

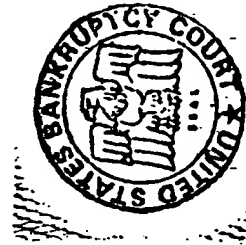
Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

Resp.Off VA

Inventor(s)  
KRAVITZ, DAVID WILLIAM



Monday, March 10, 2003

## Patent Status Report

Page: 5

Family Number: 061047-0214605

Client-Matter  
061047-0125739

Case Type  
ORD

Status  
Client Reference #  
PENDING  
214605

App Number  
Pat Number  
545722/1998

App Date  
Iss Date  
23-Mar-1998

Next Action(s)  
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EXAM FEE

Due Date(s)  
23-Mar-2005  
23-Mar-2005

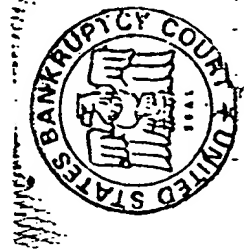
Country: Japan

Tax Agent: TANI & ABE

Resp.Off VA

Title: ELECTRONIC CRYPTOGRAPHIC PACKING

Inventor(s)  
SUDIA, FRANK W  
ASAY, ALAN  
BRICKELL, ERNEST F  
ANKNEY, RICHARD  
FREUND, PETER C



Monday, March 10, 2003

## Patent Status Report

Page: 6

Family Number: 061047-0214606

**Client-Matter**

061047-0125642

**Case Type**

ORD

**Status**

Client Reference #

PENDING

**App Number**

Pat Number

PI9714400-2

**App Date**

Iss Date

11-Dec-1997

**Next Action(s)**

Country: Brazil

Tax Agent: BUSCO MARCAS E PATENTES

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Resp.Off VA

**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0125643

ORD

PENDING

2274897

11-Dec-1997

Country: Canada

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Resp.Off VA

**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0125645

ORD

PENDING

97951534.3

11-Dec-1997

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Resp.Off VA

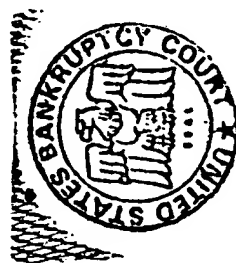
**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 7

Family Number: 061047-0214606

**Client-Matter**

061047-0125646

**Case Type**

ORD

**Status**

Client Reference #

PENDING

RM-1

**App Number**

Pat Number

526801/1998

**App Date**

Iss Date

11-Dec-1997

**Next Action(s)**

Deferred Exam

EXAM FEE

**Due Date(s)**

11-Dec-2004

11-Dec-2004

**Country:** Japan

**Tax Agent:** TANI & ABE

**Title:** RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

**Resp.Off** VA

**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0125648

**Country:** Russian Federation

**Tax Agent:** GORODISSKY & PARTNERS

**Title:** RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

PENDING

RM-1

99115094

11-Dec-1997

Response Due

09-Apr-2003

**Resp.Off** VA

**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD

061047-0126639

**Country:** Hong Kong

**Tax Agent:** UEXKULL & STOLBERG

**Title:** RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

PENDING

RM-1

00103775.5

21-Jun-2000

Response Due

**Resp.Off** VA

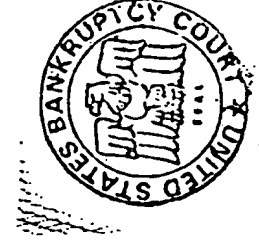
**Inventor(s)**

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 8

Family Number: 061047-0214606

Client-Matter

061047-0268225

Case Type

CON

Status

Client Reference #

PENDING

RM1-CONTINUATION

App Number

Pat Number

09/943086

App Date

Iss Date

31-Aug-2001

Next Action(s)

Due Date(s)

Country: United States of America

Tax Agent:

Resp. Off VA

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

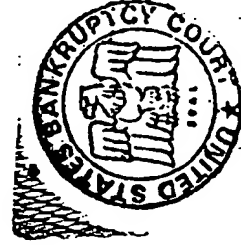
Inventor(s)

ASAY, ALAN

TURNER, PAUL A

SUDIA, FRANK W

ANKNEY, RICHARD





Monday, March 10, 2003

## Patent Status Report

Page: 9

Family Number: 061047-0251065

Client-Matter  
061047-0126752  
Country: Australia  
Tax Agent: DAVIES COLLISON CAVE  
Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Status  
Client Reference #  
PENDING  
RM-2  
App Number  
Pat Number  
32855/99  
App Date  
Iss Date  
18-Feb-1999  
Next Action(s)  
Acceptance  
Resp.Off  
VA

Due Date(s)  
24-May-2003

Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0126753  
Country: Canada  
Tax Agent: AIRD & BERLIS  
Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

ORD  
PENDING  
RM-2  
2322042  
18-Feb-1999  
Resp.Off  
VA

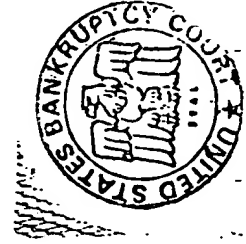
Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0126754  
Country: European Patent Convention  
Tax Agent: UEXKULL & STOLBERG  
Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

ORD  
PENDING  
RM-2  
99934356.9  
18-Feb-1999  
Response Due  
Resp.Off  
VA

27-Mar-2003

Inventor(s)  
FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 10

Family Number: 061047-0251065

Client-Matter

061047-0126756

Country: Japan

Tax Agent: AOYAMA & PARTNERS

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Status

Client Reference #

PENDING

RM-2

App Number

Pat Number

2000-332823

App Date

Iss Date

18-Feb-1999

Next Action(s)

Deferred Exam

EXAM FEE

Due Date(s)

18-Feb-2006

18-Feb-2006

Resp.Off VA

Inventor(s)

FRANKEL, YAIR

KRAVITZ, DAVID WILLIAM

MONTGOMERY, CHARLES T

YUNG, MARCEL MORDECHAY

061047-0129536

Country: Hong Kong

Tax Agent: UEXKULL & STOLBERG

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

PENDING

RM-2

01105348.7

31-Jul-2001

Resp.Off VA

Inventor(s)

FRANKEL, YAIR

KRAVITZ, DAVID WILLIAM

MONTGOMERY, CHARLES T

YUNG, MARCEL MORDECHAY

061047-0282618

Country: United States of America

Tax Agent:

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Published

RM-2

10/042335

11-Jan-2002

Resp.Off VA

Inventor(s)

FRANKEL, YAIR

KRAVITZ, DAVID WILLIAM

MONTGOMERY, CHARLES T

YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 11

Family Number: 061047-0252460

Client-Matter

061047-0129581

Country: Canada

Case Type

ORD

Status

Client Reference #

PENDING

SB1

App Number

Pat Number

2359879

App Date

Iss Date

28-Jan-2000

Next Action(s)

Deferred Exam

EXAM FEE

Due Date(s)

28-Jan-2005

28-Jan-2005

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

061047-0129582

ORD

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

PENDING

SB1

00907044.2

28-Jan-2000

Resp. Off VA

Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 12

Family Number: 061047-0252460

**Client-Matter**

061047-0129583

**Case Type**

ORD

**Status**

Client Reference #

PENDING

SB1

**App Number**

Pat Number

2000596534

**App Date**

Iss Date

28-Jan-2000

**Next Action(s)**

Deferred Exam

EXAM FEE

**Due Date(s)**

28-Jan-2007

28-Jan-2007

Tax Agent: TANI & ABE

Resp.Off VA

Title: METHODS FOR OPERATING INFRASTRUCTURE AND APPLICATIONS FOR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

**Inventor(s)**

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

061047-0265649

ORD

PENDING

09/492534

27-Jan-2000

Response Due

Country: United States of America

SB1 REGULAR

Tax Agent:

Resp.Off VA

Title: METHODS FOR OPERATING INFRASTRUCTURE APPLICATIONS F OR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

1st Extension

2nd Extension

18-May-2003

18-Jun-2003

18-Jul-2003

18-Aug-2003

**Inventor(s)**

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 13

Family Number: 061047-0252461

Client-Matter  
061047-0129576

Country: Australia

Tax Agent: DAVIES COLLISON CAVE  
Title: RELIANCE MANAGER

Case Type  
ORD

Status  
Client Reference #  
PENDING  
RM4

App Number  
Pat Number  
28608/00

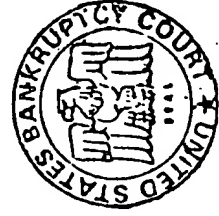
App Date  
Iss Date  
28-Jan-2000

Next Action(s)  
Response Due

Due Date(s)  
17-Oct-2003

Resp:Off VA

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY  
TURNER, PAUL  
SUDIA, FRANK W  
ANKNEY, RICHARD  
ASAY, ALAN  
SALZ, RICHARD  
TITCHENER, THOMAS  
LIEBERWIRTH, PETER  
KONSTANTARAS, ANDREW  
KLUMPP, JAMES



Monday, March 10, 2003

## Patent Status Report

Page: 14

Family Number: 061047-0252461

Client-Matter  
061047-0129577

Case Type  
ORD

Status  
Client Reference #  
PENDING  
RM4

App Number  
Pat Number  
2361053

App Date  
Iss Date  
28-Jan-2000

Next Action(s)  
Assignment

Due Date(s)  
29-Oct-2003

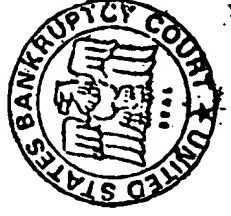
Country: Canada

Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)

Title: RELIANCE MANAGER

### Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
STUBBLEBINE, STUART  
YUNG, MARCEL MORDECHAY  
TURNER, PAUL  
SUDIA, FRANK W  
ANKNEY, RICHARD  
ASAY, ALAN  
SALZ, RICHARD  
TITCHENER, THOMAS  
LIEBERWIRTH, PETER  
KONSTANTARAS, ANDREW  
KLUMPP, JAMES



Monday, March 10, 2003

## Patent Status Report

Page: 15

Family Number: 061047-0252461

Client-Matter

061047-0129578

Case Type

ORD

Country: European Patent Convention

Tax Agent: UEXKULL & STOLBERG

Title: RELIANCE MANAGER

Status  
Client Reference #

PENDING

RM4

App Number  
Pat Number

00907045.9

App Date  
Iss Date

28-Jan-2000

Next Action(s)

Resp.Off VA

Due Date(s)

### Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

TURNER, PAUL

SUDIA, FRANK W

ANKNEY, RICHARD

ASAY, ALAN

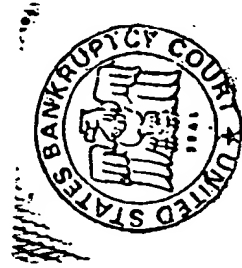
SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW

KLUMPP, JAMES



Monday, March 10, 2003

## Patent Status Report

Page: 16

Family Number: 061047-0252461

Client-Matter

061047-0129579

Country: Japan

Tax Agent: TANI & ABE

Title: RELIANCE MANAGER

Case Type

ORD

Status

Client Reference #

PENDING

RM4

App Number

Pat Number

2000596708

App Date

Iss Date

28-Jan-2000

Next Action(s)

Deferred Exam

EXAM FEE

Due Date(s)

28-Jan-2007

28-Jan-2007

Resp.Off VA

### Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

TURNER, PAUL

SUDIA, FRANK W

ANKNEY, RICHARD

ASAY, ALAN

SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW

KLUMPP, JAMES





Monday, March 10, 2003

## Patent Status Report

Page: 17

Family Number: 061047-0252461

Client-Matter

061047-0265648

Case Type

ORD

Status

Client Reference #

PENDING

App Number

Pat Number

09/492459

App Date

Iss Date

27-Jan-2000

Next Action(s)

Due Date(s)

Country: United States of America

Tax Agent:

Resp.Off VA

Title: RELIANCE MANAGER FOR ELECTRONIC TRANSACTION SYSTEM

### Inventor(s)

CLAXTON, ALLEN

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

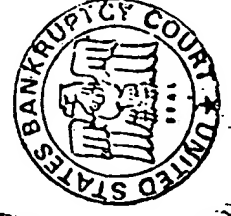
ANKNEY, RICHARD

SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW



Monday, March 10, 2003

## Patent Status Report

Page: 18

Family Number: 061047-0252477

Client-Matter	Case Type	Status	App Number	App Date	Next Action(s)	Due Date(s)
061047-0129573	ORD	PENDING SB-2	2362130	16-Feb-2000	Deferred Exam EXAM FEE	16-Feb-2005 16-Feb-2005
Country: Canada						
Tax Agent: GOWLING LAFLEUR HENDERSON LLP(OTTAWA)						
Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS						

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0129574	ORD	PENDING SB-2	00910225.2	16-Feb-2000		
Country: European Patent Convention						
Tax Agent: UEXKULL & STOLBERG						
Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS						

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY

061047-0129575	ORD	PENDING SB-2	2000600385	16-Feb-2000	Deferred Exam EXAM FEE	16-Feb-2007 16-Feb-2007
Country: Japan						
Tax Agent: TANI & ABE						
Title: A METHOD FOR CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS						

**Inventor(s)**  
FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 19

Family Number: 061047-0252477

Client-Matter

061047-0265650

Case Type

ORD

Status

Client Reference #

PENDING

App Number

Pat Number

09/503181

App Date

Iss Date

14-Feb-2000

Next Action(s)

Due Date(s)

Country: United States of America

Tax Agent:

Resp.Off VA

Title: CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE  
AND FUNCTIONS

Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

YUNG, MARCEL MORDECHAY



# Report Selection

37

Monday, March 10, 2003 RecordCount:

by Client  
by Client-Matter  
by Family Number

Remarks  
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Do Not Print

Inventors  
Print  
Do Not Print

Abstract  
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Do Not Print

Client Note  
Print  
Do Not Print

Actions Due  
Next  
All

Date Range

Filing

Issue

Expiration

Last Update

Preview before  
printing

From:

To:

Client: 061047

Country:

Owner:

Client-Matter:

Attorney :

Area:

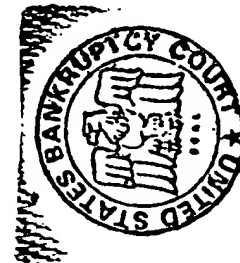
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Status(es) ADVISORY  
: ADVWARNING

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ALWDFEED  
Appealed  
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Opposed  
Pending

Status  
Codes: Active  
Inactive  
All



Monday, March 10, 2003

## Patent Status Report

Page: 1

Family Number: 061047-0213346

Client-Matter  
061047-0264493

Case Type  
CON

Status  
Client Reference #  
Published  
AUTH-II

App Number  
Pat Number  
09/870584

App Date  
Iss Date  
01-Jun-2001

Next Action(s)

Due Date(s)

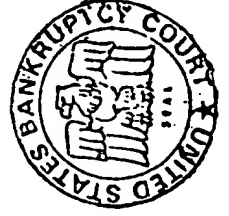
Country: United States of America

Tax Agent:

Resp.Off VA

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Inventor(s)  
SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 2

Family Number: 061047-0214606

Client-Matter  
061047-0268225

Case Type  
CON

Status  
Client Reference #  
PENDING  
RMI-CONTINUATION

App Number  
Pat Number  
09/943086

App Date  
Iss Date  
31-Aug-2001

Due Date(s)

Next Action(s)

Country: United States of America

Tax Agent:

Resp.Off VA

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Inventor(s)  
ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 3

Family Number: 061047-0251065

Client-Matter  
061047-0282618

Case Type  
CON

Country: United States of America

Tax Agent:

Status  
Client Reference #  
Published  
RM-2

App Number  
Pat Number  
10/042335

App Date  
Iss Date  
11-Jan-2002

Next Action(s)

Due Date(s)

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

Inventor(s)  
FRANKEL, YAIR

KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 4

Family Number: 061047-0252460

Client-Matter  
061047-0265649

Case Type

ORD

Status

Client Reference #

PENDING

App Number

Pat Number

09/492534

App Date

Iss Date

27-Jan-2000

Next Action(s)

Response Due

1st Extension

2nd Extension

3rd Extension/Final Date

Due Date(s)

18-May-2003

18-Jun-2003

18-Jul-2003

18-Aug-2003

Country: United States of America

Tax Agent:

Title: METHODS FOR OPERATING INFRASTRUCTURE APPLICATIONS F OR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

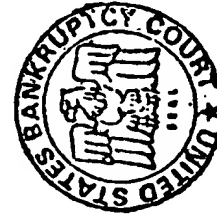
Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY





Monday, March 10, 2003

## Patent Status Report

Page: 5

Family Number: 061047-0252461

Client-Matter  
061047-0265648

Case Type  
ORD

Country: United States of America

Status

Client Reference #

PENDING

RM3 REGULAR

App Number

Pat Number

09/492459

App Date

Iss Date

27-Jan-2000

Next Action(s)

Due Date(s)

Tax Agent:

Resp.Off VA

Title: RELIANCE MANAGER FOR ELECTRONIC TRANSACTION SYSTEM

### Inventor(s)

CLAXTON, ALLEN

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY

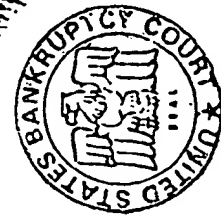
ANKNEY, RICHARD

SALZ, RICHARD

TITCHENER, THOMAS

LIEBERWIRTH, PETER

KONSTANTARAS, ANDREW



Monday, March 10, 2003

## Patent Status Report

Page: 6

Family Number: 061047-0252477

Client-Matter  
061047-0265650

Case Type  
ORD

Status

Client Reference #

PENDING

App Number

Pat Number

09/503181

App Date

Iss Date

14-Feb-2000

Next Action(s)

Due Date(s)

Country: United States of America

Tax Agent:

Resp.Off VA

Title: CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE  
AND FUNCTIONS

Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



# Report Selection

6

Monday, March 10, 2003 RecordCount:

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by Family Number

Remarks  
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Inventors  
Print  
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Abstract  
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Client Note  
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Actions Due  
Next  
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Date Range

Filing

Issue

Expiration

Last Update

Status(es) ADVISORY  
: ADVWARNING

From:

To:

Preview before  
printing

Client: 061047

Country: ■ US

Owner:

Client-Matter:

Attorney :

Area:

Resp.Offic  
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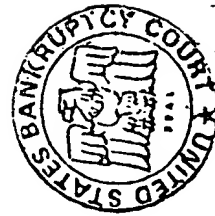
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Status  
Codes:

Inactive  
All

ALLNCE  
ALLOWED  
ALWDFEEDUE

ALWDFEEDPD  
Appealed  
FLDAWAITED  
Opposed  
Pending



Monday, March 10, 2003

## Patent Status Report

Page: 1

**Family Number:** 061047-0213346

**Client-Matter**  
061047-0264493

**Case Type**  
CON

**Country:** United States of America

**Tax Agent:**

**Status**

**Client Reference #**

Published

AUTH-II

**App Number**

**Pat Number**

09/870584

**App Date**

**Iss Date**

01-Jun-2001

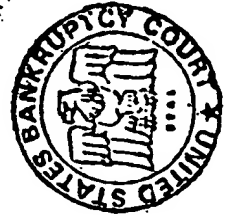
**Next Action(s)**

Resp.Off VA

**Due Date(s)**

**Title:** METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL CRYPTOGRAPHIC SYSTEM

**Inventor(s)**  
SUDIA, FRANK W  
SIRITZKY, BRIAN



Monday, March 10, 2003

## Patent Status Report

Page: 2

Family Number: 061047-0214606

Client-Matter  
061047-0268225

Case Type  
CON

Country: United States of America

Tax Agent:

Status

Client Reference #  
PENDING

RM1-CONTINUATION

App Number  
Pat Number  
09/943086

App Date  
Iss Date  
31-Aug-2001

Next Action(s)

Due Date(s)

Resp.Off VA

Title: RELIANCE SERVER FOR ELECTRONIC TRANSACTION SYSTEM

Inventor(s)

ASAY, ALAN  
TURNER, PAUL A  
SUDIA, FRANK W  
ANKNEY, RICHARD



Monday, March 10, 2003

## Patent Status Report

Page: 3

Family Number: 061047-0251065

Client-Matter  
061047-0282618

Case Type  
CON

Status  
Client Reference #  
Published  
RM-2

App Number  
Pat Number  
10/042335

App Date  
Iss Date  
11-Jan-2002

Next Action(s)

Due Date(s)

Country: United States of America

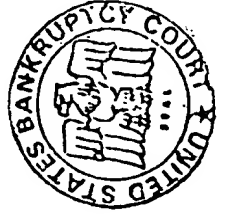
Tax Agent:

Resp.Off VA

Title: COMPUTER-BASED METHOD AND SYSTEM FOR AIDING TRANSACTIONS

### Inventor(s)

FRANKEL, YAIR  
KRAVITZ, DAVID WILLIAM  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

Family Number: 061047-0252460

## Patent Status Report

Page: 4

Client-Matter

061047-0255649

Country: United States of America

Tax Agent:

Case Type

ORD

Status

Client Reference #

PENDING

SBI REGULAR

App Number

Pat Number

09/492534

App Date

Iss Date

27-Jan-2000

Next Action(s)

Response Due

1st Extension

2nd Extension

3rd Extension/Final Date

Due Date(s)

18-May-2003

18-Jun-2003

18-Jul-2003

18-Aug-2003

Resp.Off VA

Title: METHODS FOR OPERATING INFRASTRUCTURE APPLICATIONS F OR  
CRYPTOGRAPHICALLY-SUPPORTED SERVICES

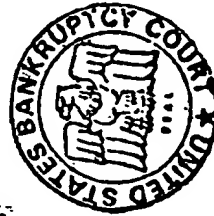
Inventor(s)

FRANKEL, YAIR

MONTGOMERY, CHARLES T

STUBBLEBINE, STUART

YUNG, MARCEL MORDECHAY



Monday, March 10, 2003

## Patent Status Report

Page: 6

Family Number: 061047-0252477

Client-Matter  
061047-0265650

Case Type  
ORD

Status

Client Reference #

PENDING

App Number

Pat Number

09/503181

App Date

Iss Date

14-Feb-2000

Next Action(s)

Due Date(s)

Country: United States of America

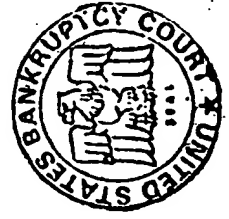
Tax Agent:

Resp.Off VA

Title: CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE  
AND FUNCTIONS

Inventor(s)

FRANKEL, YAIR  
MONTGOMERY, CHARLES T  
YUNG, MARCEL MORDECHAY





# Report Selection

6

Monday, March 10, 2003 RecordCount:

by Client  
by Client-Matter  
by Family Number

Remarks  
Print  
Do Not Print

Inventors  
Print  
Do Not Print

Abstract  
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Do Not Print

Client Note  
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Do Not Print

Actions Due  
Next  
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Preview before  
printing

Date Range

Filing

Issue

Expiration

Last Update

Status(es) ADVISORY  
: ADVWARNING

From:

To:

Client: 061047

Country: = US

Owner:

Client-Matter:

Attorney :

Area:

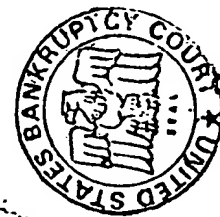
Resp.Offic  
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Status  
Codes:

ALLNCE  
ALLOWED  
ALWDFEEDUE

Active  
Inactive  
All

ALWDFEEDPD  
Appealed  
FLDAWAITED  
Opposed  
Pending



Client-Matter: 10624-0003

Title: CRYPTOGRAPHIC SYSTEM AND METHOD WITH KEY  
ESCROW FEATURE

Client: CERTCO, INC.

Owner: CERTCO INC

Disclosure : Filed

Disclosure Date:

Attorney(s): STH SDW

Inventor(s): SUDIA, FRANK W.

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
African Regional Industrial Property Organization		PCT	AP/P/96/0081	13-Jan-1995	AP 626	16-Jan-1998	
African Union Territories (OAPI)		PCT	PV 60829	13-Jan-1995	10456	19-May-1998	13-Jan-2015
Australia		PCT	16803/95				
Australia	D1	PCT	60842/96	13-Jan-1995	705473	26-Aug-1999	13-Jan-2015
Australia	D2	DIV	44619/99	13-Jan-1995			
Austria		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Belgium		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Brazil		PCT	PI 9506414-1	13-Jan-1995			
Canada		PCT	2,176,032	13-Jan-1995			
China		PCT	95191205.4	13-Jan-1995			
Czech Republic		PCT	PV 1978-96	13-Jan-1995			
Czech Republic	D1	PCT	PV 400-99	13-Jan-1995			
Czech Republic	D2	PCT	PV 401-99	13-Jan-1995			
Denmark		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
European Patent Convention		PCT	95908511.9	13-Jan-1995	00739560	20-Jun-2001	13-Jan-2015
Finland		PCT		13-Jan-1995			
France		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Germany, Federal Republic of		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Greece		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Hungary		PCT	P9601870	13-Jan-1995	216231	17-Mar-1999	13-Jan-2015
Ireland		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Italy		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015



Client-Matter: 10624-0003

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Japan		PCT	07-519155	13-Jan-1995			
Kenya		ORD		13-Jan-1995	AP 626	16-Jan-1998	13-Jan-2015
Korea, Republic of		PCT	96-703134	13-Jan-1995			
Lithuania		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Luxembourg		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Malawi		ORD		13-Jan-1995	AP 626	16-Jan-1998	13-Jan-2011
Mexico		PCT	962773	13-Jan-1995			
Monaco		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Netherlands		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
New Zealand		PCT	279622	13-Jan-1995	279622	18-Aug-1998	13-Jan-2015
New Zealand	D1	DIV	329891	13-Jan-1995	329891	08-Jun-2000	13-Jan-2015
Norway		PCT		13-Jan-1995			
Patent Cooperation Treaty		ORD	US95/00531	13-Jan-1995			
Poland		PCT	P-315 574	13-Jan-1995	176 458	12-Mar-1998	13-Jan-2015
Portugal		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Russian Federation		PCT	96121407/09	13-Jan-1995			
Slovenia		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Spain		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Sudan		ORD		13-Jan-1995	AP 626	16-Jan-1998	13-Jan-2015
Swaziland		ADR		13-Jan-1995	AP 626	16-Jan-1998	13-Jan-2015
Sweden		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Switzerland		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
Ukraine		PCT	96072822	13-Jan-1995	41387	17-Sep-2001	13-Jan-2015
United Kingdom		EPC	95908511.9	13-Jan-1995	0739560	20-Jun-2001	13-Jan-2015
United States of America		ORD	08/181,859	13-Jan-1994			
United States of America	C1	CIP	08/272,203	08-Jul-1994			
United States of America	C2	FWC	08/840,227	11-Apr-1997	5,841,865	24-Nov-1998	13-Jan-2014
United States of America	C3	CPA	09/472,511	27-Dec-1999			
United States of America	D1	DIV	08/802,584	19-Feb-1997	5,857,022	05-Jan-1999	13-Jan-2014
United States of America	D2	DIV	08/803,024	19-Feb-1997	5,850,451	15-Dec-1998	13-Jan-2014



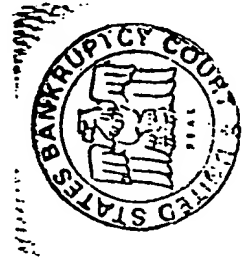
Tuesday, March 11, 2003

## Master List

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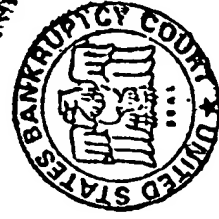
Client-Matter: 10624-0003

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	D3	DIV	08/802,603	19-Feb-1997	6,009,177	28-Dec-1999	13-Jan-2014
United States of America	D4	DIV	08/803,176	19-Feb-1997	5,799,086	25-Aug-1998	13-Jan-2014
United States of America	D5	DIV	08/802,818	19-Feb-1997	5,872,849	16-Feb-1999	13-Jan-2014
United States of America	D6	DIV	09/472,511	27-Dec-1999			
Viet Nam		PCT	S19960030	13-Jan-1995			



**Client-Matter:** 10624-0004**Title:** MULTI-STEP DIGITAL SIGNATURE SYSTEM METHOD AND SYSTEM**Client:** CERTCO, INC.**Owner:** CERTCO INC**Disclosure :** Filed**Disclosure Date:****Attorney(s):** STH SDW**Inventor(s):** SUDIA, FRANK W.; FREUND, PETER C.; HUANG, STUART T.F.

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Argentina		ORD	336.816	04-Jun-1996			
Australia		PCT	55521/96	19-Apr-1996	718265	27-Jul-2000	19-Apr-2016
Bangladesh		ORD	61/96	30-May-1996			
Bangladesh	A2	ORD	111/98	16-Jul-1998	1003124		
Brazil		PCT	PI 9608416-2	19-Apr-1996	PI9608416-2	12-Nov-2002	19-Apr-2016
Canada		PCT	2,223,305	03-Dec-1997			
Chile	CL	ORD	990-96	04-Jun-1996			
China		PCT	96196055.8	19-Apr-1996			
Colombia		ORD	96029148	04-Jun-1996			
Egypt		ORD	495/96	05-Jun-1996			
European Patent Convention		PCT	96912843.8	05-Jan-1998			
Hong Kong		ORD	99100927.0	08-Mar-1999			
India		ORD	963/MAS/96	04-Jun-1996			
Indonesia		ORD	P-961405	28-May-1996			
Israel		ORD	118363	22-May-1996	118363	18-May-2000	22-May-2016
Japan		PCT	500473/97	19-Apr-1996			
Korea, Republic of		PCT	97-708932	05-Dec-1997			
Malaysia		ORD	PI 9602171	04-Jun-1996			
Mexico		PCT	979760	05-Dec-1997	209212	24-Jul-2002	19-Apr-2016
Mexico	D1	DIV	2001/002198	28-Feb-2001			
New Zealand		PCT	306846	19-Apr-1996	306846	08-Jun-2000	19-Apr-2016
New Zealand	D1	DIV	NZ 500372	14-Oct-1999	500372	09-Aug-2001	19-Apr-2016



Tuesday, March 11, 2003

# Master List

Page: 5

Client-Matter: 10624-0004

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Pakistan		ORD	418/96	02-Jul-1996	13 53 64	02-Jun-1998	02-Jul-2012
Patent Cooperation Treaty		ORD	US96/05317	19-Apr-1996			
Peru		ORD	000410	05-Jun-1996			
Philippines		ORD	53246	31-May-1996			
Singapore		PCT	9705339-1	19-Apr-1996	47334	30-Dec-1999	19-Apr-2016
South Africa		ORD	96/3635	08-May-1996	96/3635	29-Jan-1997	08-May-2016
Taiwan		ORD	85105565	10-May-1996	87843	01-Jun-1997	10-May-2016
Ukraine		PCT	97126302	25-Dec-1997			
United Kingdom		ORD	9610291.8	16-May-1996	2301919	01-Mar-2000	16-May-2016
United Kingdom	D1	PCT	9918950.8	16-May-1996	2337145	01-Mar-2000	16-May-2016
United States of America		ORD	08/462,430	05-Jun-1995			
United States of America	C1	CON	08/869,253	04-Jun-1997	5,825,880	20-Oct-1998	13-Jan-2014
United States of America	C2	CON	09/161,741	29-Sep-1998	6,209,091	27-Mar-2001	05-Jun-2015
United States of America	D1	DIV	09/816,684	26-Mar-2001			
Venezuela		ORD	96-000950	04-Jun-1996			
Venezuela	D1	DIV	01-000009	04-Jun-1996			
Viet Nam		PCT	S19980015	05-Jan-1998			
Viet Nam	D1	DIV	S19980015T2	08-Sep-2000	1706	27-Dec-2000	05-Jan-2018



Client-Matter: 10624-0007

Title: ADAPTIVE MULTI-STEP DIGITAL SIGNATURE SYSTEM  
AND METHOD OF OPERATION THEREOF

Client: CERTCO, INC.

Owner: CERTCO INC

Disclosure : Filed

Disclosure Date:

Attorney(s): STH SDW

Inventor(s): BRICKELL, ERNEST F.; SUDIA, FRANK W.; KRAVITZ, DAVID W.; FREUND, PETER C.; ANGELES, PATRICK J.

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America		CIP	08/699,579	19-Aug-1996	5,867,578	02-Feb-1999	05-Jun-2015
United States of America	C1	CON	09/219,835	23-Dec-1998	6,411,716	25-Jun-2002	05-Jun-2015



Tuesday, March 11, 2003

## Master List

Page: 7

*Client-Matter:* 10624-0012

*Title:* OPTIMAL RESILIENCE, PROACTIVE, PUBLIC-KEY  
CRYPTOGRAPHIC SYSTEM AND METHOD

*Client:* CERTCO, INC.

*Owner:* CERTCO INC

*Disclosure :* Filed

*Disclosure Date:*

*Attorney(s):* STH SDW

*Inventor(s):* FRANKEL, YAIR; YUNG, MARCEL M.

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Australia		PCT	74684/98	24-Apr-1998	739042	17-Jan-2002	24-Apr-2018
Brazil		PCT	PI 9809312-6	24-Apr-1998			
Canada		PCT	2,286,732	24-Apr-1998			
European Patent Convention		PCT	98922052.0	24-Apr-1998			
Japan		PCT	547182/98	24-Apr-1998			
Patent Cooperation Treaty		ORD	US98/08299	24-Apr-1998			
United States of America		ORD	08/842,080	28-Apr-1997			
United States of America	C1	CPA	08/842,080	28-Apr-1997	6,035,041	07-Mar-2000	28-Apr-2017





Tuesday, March 11, 2003

## Master List

Page: 8

Client-Matter: 10624-0014

Title: ROBUST EFFICIENT DISTRIBUTED RSA-KEY GENERATION

Client: CERTCO, INC.

Owner: CERTCO INC

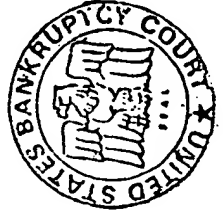
Disclosure : Filed

Disclosure Date:

Attorney(s): STH SDW

Inventor(s): FRANKEL, YAIR; YUNG, MARCEL M.; MACKENZIE, PHILIP D.

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Australia		PCT	44072/99	21-May-1999			
Canada		PCT	2,331,442	21-May-1999			
European Patent Convention		PCT	99927087.9	21-May-1999	99927087.9	21-May-1999	21-May-2019
Israel		PCT	139520	21-May-1999			
Japan		PCT	2000-551518	21-May-1999			
Mexico		PCT	011443	21-May-1999			
New Zealand		PCT	508093	21-May-1999			
Norway		PCT	20005894	21-May-1999			
Patent Cooperation Treaty		ORD	US99/11203	21-May-1999			
United States of America		ORD	09/315,979	21-May-1999			
United States of America	C1	CON	09/860,441	21-May-2001	6,237,097	22-May-2001	21-May-2019
United States of America	P1	PRO	60/086,577	22-May-1998			



Client-Matter: 10624-0015

Title: INCORPORATING SHARED RANDOMNESS INTO  
DISTRIBUTED CRYPTOGRAPHY

Client: CERTCO, INC.

Owner: CERTCO INC

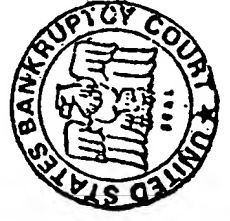
Disclosure Date: Filed

Disclosure Date:

Attorney(s): STH SDW

Inventor(s): YUNG, MARCEL M.; FRANKEL, YAIR

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Australia		PCT	23437/00	29-Oct-1999			
Canada		PCT	2,347,007	29-Oct-1999			
China		PCT	99815353.2	29-Oct-1999			
European Patent Convention		PCT	99967085.4	29-Oct-1999			
Hong Kong		ORD	02105164.7	11-Jul-2002			
Israel		PCT	142785	29-Oct-1999			
Japan		PCT	2000-580335	29-Oct-1999			
Korea, Republic of		PCT	20017005306	29-Oct-1999			
Mexico		PCT	2001/004303	29-Oct-1999			
Patent Cooperation Treaty		ORD	US99/25293	29-Oct-1999			
Singapore		PCT	200102449-6	29-Oct-1999			
United Kingdom		PCT	0110183.1	29-Oct-1999			
United States of America		ORD	09/429,624	29-Oct-1999			
United States of America	1	CPA	09/429,624	29-Oct-1999			
United States of America	PI	PRO	60/106,267	30-Oct-1998	2359227		



Master List

Tuesday, March 11, 2003

Client-Matter: 10624-0018

Title: SYSTEM AND METHOD FOR AD-HOC MANAGEMENT OF  
CREDENTIALS, TRUST RELATIONSHIPS AND TRUST  
HISTORY IN TRANSACTIONS ENVIRONMENTS

Client: CERTCO, INC.

Owner: CERTCO INC

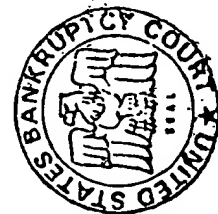
Disclosure : Filed

Disclosure Date:

Attorney(s): STH SDW

Inventor(s): WARD, JEAN RENARD; YUNG, MARCEL M.; STEWART, ROBERT J.

Country	Sub Case	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Patent Cooperation Treaty		ORD	US02/24855	06-Aug-2002			
United States of America		ORD	10/212,676	06-Aug-2002			
United States of America	P1	PRO	60/309,768	06-Aug-2001			



Monday, March 10, 2003

## Patent Status Report

Page: 1

Family Number: 061047-0213346

Client-Matter  
061047-0214641

Case Type  
CON

Country: United States of America

Tax Agent:

Status

Client Reference #

GRANTED

AUTH-I

App Number

Pat Number

08/682071

5639616

App Date

Iss Date

16-Jul-1996

19-Aug-1997

Resp.Off VA

Next Action(s)

Tax 7.5

Tax 7.5 - Final

Tax 11.5

Tax 11.5 - Final

Due Date(s)

19-Feb-2005

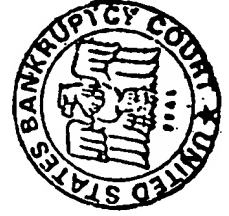
19-Aug-2005

19-Feb-2009

19-Aug-2009

Title: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

Inventor(s)  
SUDIA, FRANK W



Monday, March 10, 2003

## Patent Status Report

Page: 2

Family Number: 061047-0213392

Client-Matter  
061047-0213392

Case Type  
PRI  
Country: United States of America

Tax Agent:

Title: PAYMENT AND TRANSACTIONS IN ELECTRONIC COMMERCE SYSTEM

Inventor(s)  
KRAVITZ, DAVID WILLIAM

Status	App Number	App Date	Next Action(s)	Due Date(s)
Client Reference #	Pat Number	Iss Date		
GRANTED	08/726434	04-Oct-1996	Tax 3.5	22-Aug-2003
ACQUIRE	6029150	22-Feb-2000	Tax 3.5 - Final	22-Feb-2004
		Resp. Off VA	Tax 7.5	22-Aug-2007
			Tax 7.5 - Final	22-Feb-2008
			Tax 11.5	22-Aug-2011
			Tax 11.5 - Final	22-Feb-2012



E-6

**BILL OF SALE**

**WHEREAS**, First Chicago Equity Corporation and Four Partners (the "Secured Creditors"), are secured creditors of CertCo, Inc. (the "Seller") pursuant to certain agreements including, *inter alia*, a certain Series A Stock and Note Purchase Agreement, as amended, in amounts in excess of \$1,100,000 (the "Secured Claim");

**WHEREAS**, on March 25, 2003 an auction (the "Auction") for the sale of certain of the Seller's assets (the "Assets", more fully described in the Sale Order annexed hereto as Exhibit "A") was held at the United States Bankruptcy Court, Southern District of New York, before the Honorable Robert D. Drain;

**WHEREAS**, on March 26, 2003, by order (the "Order") of the Bankruptcy Court, the Secured Creditors were found to have presented the highest and best offer for the Assets, at a purchase price of \$625,000 of their Secured Claim;

**WHEREAS**, pursuant to the Order, Seller is authorized to sell the Assets to the Secured Creditors or their assigns in exchange for reducing the Secured Creditors' Secured Claim by \$625,000;

**WHEREAS**, pursuant to the Order the Secured Creditors have assigned their right to purchase the Assets to CQRCert LLC.

**NOW THEREFORE, IT IS HEREBY CONSENTED TO AND AGREED:**

1. The Seller, a Delaware corporation, of 320 Park Avenue, 18<sup>th</sup> Floor, New York, New York 10022, in consideration of the Secured Creditors reducing their Secured Claim by \$625,000, the receipt of which is hereby acknowledged, hereby sells, transfers, assigns and conveys to CQRCert LLC, effective as of July 30, 2003 all of the Assets.
2. The Seller conveys the Assets on an "AS IS, WHERE IS" basis. THE SELLER HEREBY DISCLAIMS ANY AND ALL OTHER REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, BY OPERATION OR OTHERWISE, INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO MERCHANTABILITY, FITNESS OR ADEQUACY FOR ANY PURPOSE OR USE, QUALITY, PRODUCTIVENESS OR CAPACITY OF SAID EQUIPMENT.

IN WITNESS WHEREOF, Seller has caused this instrument to be executed in its name  
by an authorized signatory as of the 30th day of July, 2003.

CERTCO, INC.

By: 

Title: \_\_\_\_\_

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